

# 2019 General Census on Population and Housing - IPUMS Subset

**Central Population and Housing Census Steering Committee. General Statistics  
Office., IPUMS**

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## Identification

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### SURVEY ID NUMBER

VNM\_2019\_PHC\_v01\_M\_v7.5\_A\_IPUMS

### TITLE

2019 General Census on Population and Housing - IPUMS Subset

### ABBREVIATION OR ACRONYM

PHC Vietnam 2019 (IPUMS Harmonized Subset)

### COUNTRY

Name	Country code
Vietnam	VNM

### 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 and households

### UNITS IDENTIFIED:

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

### UNIT DESCRIPTIONS:

- Dwellings: -
- Households: Household includes one person eating and residing separately or a group of people eating and residing together. For households with two or more people, members of the household may or may not have a shared revenue and expenditure fund; whether they are related by blood, marriage or adoption; or a combination of both.
- Group quarters: Households living in tent/camp/inn/hotel: or collective house, barrack, campus, etc. or no living house.

## 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: Vietnam 2019

### TOPICS

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

Work: Occupation Variables -- PERSON	IPUMS
Work: Industry Variables -- PERSON	IPUMS
Education Variables -- PERSON	IPUMS
Work Variables -- PERSON	IPUMS
Fertility and Mortality Variables -- PERSON	IPUMS
Technical Person Variables -- PERSON	IPUMS

## Coverage

### GEOGRAPHIC UNIT

District

### UNIVERSE

Residents in Vietnam, including those usually resident in Vietnam, but who were overseas at the time of the census; special groups were enumerated, including the police force, army and foreign affairs.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
Central Population and Housing Census Steering Committee. General Statistics Office.	
IPUMS	University of Minnesota

## Sampling

### SAMPLING PROCEDURE

MICRODATA SOURCE: Central Population and Housing Census Steering Committee. General Statistics Office.

SAMPLE SIZE (person records): 8236773.

SAMPLE DESIGN: Stratified two-stage sample design. In the first stage, enumeration areas were selected based on household size. In the second stage, sample households were selected systematically.

### WEIGHTING

Computed by census agency and should be used for most types of analysis

## Data collection

### DATES OF DATA COLLECTION

Start	End
2019-04-01	2019-04-25

### TIME PERIODS

Start date	End date
2019-04-01	2019-04-01

### DATA COLLECTION MODE

Face-to-face [f2f]

## DATA COLLECTION NOTES

de jure, CENSUS DAY: April 1, 2019

## questionnaires

## QUESTIONNAIRES

Two forms: long (8.5% sample survey) and short (remaining of the population). The long form contained both the core and sample questions.

## Access policy

## CONTACTS

Name
Central Population and Housing Census Steering Committee. General Statistics Office.

## CONFIDENTIALITY

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

## ACCESS CONDITIONS

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

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

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

(2) Use the microdata for the exclusive purposes of scholarly research and education. Researchers must explicitly agree to

not use microdata acquired for any commercial or income-generating venture.

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

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

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

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

#### CITATION REQUIREMENTS

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

Researchers should also acknowledge the statistical agency that originally produced the data: Vietnam, Central Population and Housing Census Steering Committee. General Statistics Office.. 2019 General Census on Population and Housing

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
Central Population and Housing Census Steering Committee. General Statistics Office.

## Disclaimer and copyrights

#### DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

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## Metadata production

#### DDI DOCUMENT ID

DDI\_VNM\_2019\_PHC\_v01\_M\_v7.5\_A\_IPUMS

#### PRODUCERS

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

## DATE OF METADATA PRODUCTION

May 21, 2024

## DDI DOCUMENT VERSION

Version 7.5 October 2024. NEW FEATURES.

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

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

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

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

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

## NEW SAMPLES.

--Full-count datasets for Great Britain 1851, 1861, 1871 (Scotland only), 1891, and 1901.

--Full-count dataset for Sweden 1910. Denmark (1845, 1880, and 1885)

--Labor force surveys from Spain and eight new labor force surveys from Italy added to the series.

## Newly added countries:

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

## New samples for:

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

## SUPPLEMENTAL DATA.

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

## NEW VARIABLES.

--IPUMS-International now provides harmonized and year-specific geography variables for all countries including 13 new samples from Dominican Republic, Germany, Indonesia, Israel, Malaysia, Mongolia, Nicaragua, Nigeria, Palestine, Paraguay, Thailand, United Kingdom, and Uruguay. First-level and second-level year specific geography variables are also available for all countries. IPUMS provides corresponding, downloadable GIS boundary files for all harmonized and year specific geography variables. More information about IPUMS geography variables is available here.

--IPUMS International now provides spatially harmonized previous-residence variables at the first administrative level of geography. The codes for the spatially harmonized previous-residence variables match the spatially harmonized place of current residence. More information is available here.

--IPUMS International provides spatially harmonized previous-residence variables at the first administrative level of geography for all samples; previously available country-specific migration variables at the first administrative level that were

not fully harmonized spatially have been phased out. Spatially harmonized previous-residence variables at the second administrative level of geography are available for selected samples. More information is available [here](#). Users should note that many older migration variables are available by different names. Refer to this table for a crosswalk of old and corresponding new migration variables.

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

--Lower (third) level geography codes and GIS files have been added for Bangladesh, China, Ethiopia, Mali, Rwanda, and Zimbabwe. Some geography codes and labels might have changed for these countries to accommodate the newer lower level geography.

--Added more detailed 3-digit industry and occupation variables for China 2000.

#### EDITED SAMPLES.

--Revised full-count data for Great Britain 1881

--Revised full-count datasets for Sweden 1890 and 1900. The revision includes the following changes that improve comparability across Sweden datasets:

--Revisions to certain ethnicity and work variables (and the underlying source data): ORIGIN, LABFORCE, OCCHISCO, OCRELATE, OCSTATUS.

--Revisions to unharmonized source variables: SE1890A\_HISCOSE, SE1890A\_HISCRELSE, SE1890A\_HISCSTATSE, SE1890A\_OCCMULTISE, SE1900A\_HISCOSE, SE1900A\_HISCRELSE, SE1900A\_HISCSTATSE, SE1900A\_OCCMULTISE.

--A new United States 1850 full-count dataset now matches the corresponding dataset distributed by the USA IPUMS data project. The source variable US1850A\_0502 (HISTID) provides a linking key to match person records to the USA version of the data. The IPUMS International version of the data contains names, which the USA version cannot distribute.

#### EDITED VARIABLES.

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

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

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

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

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

The codes for the source variable RW2002A\_0419 were corrected to include 0 and 8 as possible responses, which were previously identified as 'unknown years' within primary education.

Errors affecting EDUCFJ for Fiji 2006 were corrected.

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

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

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

An error in INCEARN affecting Venezuela 2001 was corrected. Earned income in the source variable VE2001A\_0440 is interpreted as a monthly amount, thus adjustments previously applied to convert data from daily or weekly income were suppressed.

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

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

Errors affecting codes for GEO1\_ZA in South Africa 2011 and ENUTS1 in United Kingdom 1991 were corrected.

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

An error in PERWT affecting Nepal 2001 was corrected.

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

An error in MARRNUM affecting Indonesia 1976 was corrected. Some codes for GEO1\_EG2006 and GEO2\_EG2006 were edited.

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

An error in INCEARN affecting Brazil 1980 was corrected.

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

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

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

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

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

Harmonized geography variables for Cambodia, Lao PDR, Mexico, Peru, Switzerland, Vietnam, Puerto Rico, United Kingdom, and United States have been edited to accommodate new samples. Users should be aware that codes and labels have changed in all harmonized and year-specific geography variables for these countries. More information about IPUMS geography variables is available [here](#).

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

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

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

An error affecting codes for persons previously residing abroad for MIG1\_5\_BO in Bolivia 2001 and 2012 was corrected.

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

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

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

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

Errors affecting codes for GEO2\_BR1970 in Brazil 1970 were corrected.

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>VNM2019_PHC-H-H.dat</b> Household records	2	
<b>VNM2019_PHC-P-H.dat</b> Person records	8236773	



**Data file: VNM2019\_PHC-H-H.dat**

Household records

Cases: 2

variables:

**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	
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_VN	GEO1_VN	Vietnam, Province 1989 - 2019 [Level 1; consistent boundaries, GIS]	
GEO1_VN2019	GEO1_VN2019	Vietnam, Province 2019 [Level 1, GIS]	
GEO2_VN	GEO2_VN	Vietnam, District 2009 - 2019 [Level 2; consistent boundaries, GIS]	
GEO2_VN2019	GEO2_VN2019	Vietnam, District 2019 [Level 2, GIS]	
REGNVN	REGNVN	Vietnam, Region	

ID	Name	Label	Question
OWNERSHIP	OWNERSHIP	Ownership of dwelling [general version]	
OWNERSHIPD	OWNERSHIPD	Ownership of dwelling [detailed version]	
ELECTRIC	ELECTRIC	Electricity	
WATSUP	WATSUP	Water supply	
SEWAGE	SEWAGE	Sewage	
FUELCOOK	FUELCOOK	Cooking fuel	
PHONE	PHONE	Telephone availability	
AUTOS	AUTOS	Automobiles available	
HOTWATER	HOTWATER	Hot water heater	
AIRCON	AIRCON	Air conditioning	
COMPUTER	COMPUTER	Computer	
WASHER	WASHER	Clothes washing machine	
REFRIG	REFRIG	Refrigerator	
TV	TV	Television set	
RADIO	RADIO	Radio in household	
BEDROOMS	BEDROOMS	Number of bedrooms	
TOILET	TOILET	Toilet	
BUILTYR	BUILTYR	Year structure was built	
AGESTRUCT1	AGESTRUCT1	Age of structure	
AGESTRUCT2	AGESTRUCT2	Age of structure, coded from intervals	
LIVEAREA	LIVEAREA	Living area in square meters	
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	
VN2019A_DWNUM	VN2019A_DWNUM	Dwelling number	
VN2019A_PERN	VN2019A_PERN	Number of persons in household	
VN2019A_URBAN	VN2019A_URBAN	Urban or rural	Identification Province/city: ____ District/quarter/town/provincial city: ____ Commune/ward/district town: _____ Village/hamlet/group: _____ Enumeration area number: _____ Urban/rural (urban=1, rural=2): ____ Household number: ____ Full name of the household head: ____ Address of the household: ____

ID	Name	Label	Question
VN2019A_HOUSE	VN2019A_HOUSE	Living in a house	Part 3. Information on housing 50. Does your household have housing or not? (Interviewer observes and sticks in the appropriate answer) [] 1 Yes [] 2 No, in building process and staying in temp. shed [skip to Q60] [] 3 No [skip to Q60]
VN2019A_HOUSESHR	VN2019A_HOUSESHR	Share dwelling with other households	Part 3. Information on housing 51. Is your household sharing the dwelling or flat with other household(s)? [] 1 Yes [] 2 No (skip to Q53)
VN2019A_HOUSEREP	VN2019A_HOUSEREP	Representative household from house	Part 3. Information on housing 51. Is your household sharing the dwelling or flat with other household(s)? [] 1 Yes [] 2 No (skip to Q53) 52. Is your household the representative household? [] 1 Yes [] 2 No ____ Name of representative HH head [go to Q60]
VN2019A_BLDTYPE	VN2019A_BLDTYPE	Type of building	Part 3. Information on housing 53. Is the dwelling or flat of your household the apartment building, the single detached house? How many separated bedrooms does this dwelling or flat have? [] 1 Apartment building [] 2 Single detached house  __ No of separate bedroom
VN2019A_BEDROOMS	VN2019A_BEDROOMS	Number of bedrooms	Part 3. Information on housing 53. Is the dwelling or flat of your household the apartment building, the single detached house? How many separated bedrooms does this dwelling or flat have? [] 1 Apartment building [] 2 Single detached house  __ No of separate bedroom
VN2019A_FLRSPACE	VN2019A_FLRSPACE	Floor space (in square meters)	Part 3. Information on housing 54. How many square meters is that total building floor space of this dwelling or flat? ___ floor space (squared meters)
VN2019A_PILLAR	VN2019A_PILLAR	Pillar material	Part 3. Information on housing 55. What is the main construction material of the pier (or the pivot or the load-bearing wall) of this dwelling/flat? [] 1 Durable material (concrete, brick or stone, steel or iron or durable wood) [] 2 Undurable materials (wood of low quality or bamboo, soil, other)
VN2019A_ROOF	VN2019A_ROOF	Roof material	Part 3. Information on housing 56. What is the main construction material of the roof of this dwelling or flat? [] 1 Durable material (concrete, tile, slab) [] 2 Undurable materials (roof piece, leaf, straw, soil paper, other)

ID	Name	Label	Question
VN2019A_WALLS	VN2019A_WALLS	Wall material	Part 3. Information on housing 57. What is the main construction material of the outer walls of this dwelling or flat? <input type="checkbox"/> 1 Durable material (concrete, brick or stone, metal or wood) <input type="checkbox"/> 2 Non durable material (clay or straw, wattle or plywood, other)
VN2019A_BLYEAR	VN2019A_BLYEAR	Period when dwelling was built	Part 3. Information on housing 58. What year was this dwelling or flat built? <input type="checkbox"/> 1 Before 1975 <input type="checkbox"/> 2 From 1975 to 1999 <input type="checkbox"/> 3 From 2000 to 2009 <input type="checkbox"/> 4 From 2010 to now 20__ <input type="checkbox"/> 5 Not stated
VN2019A_BLYEAR2	VN2019A_BLYEAR2	Year when dwelling was built (if 2010 or later)	Part 3. Information on housing 58. What year was this dwelling or flat built? <input type="checkbox"/> 1 Before 1975 <input type="checkbox"/> 2 From 1975 to 1999 <input type="checkbox"/> 3 From 2000 to 2009 <input type="checkbox"/> 4 From 2010 to now 20__ <input type="checkbox"/> 5 Not stated
VN2019A_OWNSHP	VN2019A_OWNSHP	Ownership of dwelling	Part 3. Information on housing 59. Whose dwelling or flat do you live in? <input type="checkbox"/> 1 A private dwelling or flat of the household <input type="checkbox"/> 2 Rented from the state <input type="checkbox"/> 3 Rented or borrowed from individuals <input type="checkbox"/> 4 Cooperative or building apartment <input type="checkbox"/> 5 Other ownership or unclear ownership
VN2019A_DWBUY	VN2019A_DWBUY	Plan to buy a dwelling or flat	Part 3. Information on housing 60. Does your household plan to buy a dwelling or flat? <input type="checkbox"/> Yes: in which province or city? Name of province or city ____ -- <input type="checkbox"/> No
VN2019A_DWBUYPROV	VN2019A_DWBUYPROV	Province or city where you plan to buy a dwelling or flat	Part 3. Information on housing 60. Does your household plan to buy a dwelling or flat? <input type="checkbox"/> Yes: in which province or city? Name of province or city ____ -- <input type="checkbox"/> No
VN2019A_LIGHT	VN2019A_LIGHT	Fuel used for lighting	Part 3. Information on housing 61. What is the main kind of fuel (energy) that your household uses for lighting? <input type="checkbox"/> 1 Electricity <input type="checkbox"/> 2 Electric generator <input type="checkbox"/> 3 Kerosene <input type="checkbox"/> 4 Gas <input type="checkbox"/> 5 Other Specify ____
VN2019A_FUELCK	VN2019A_FUELCK	Fuel used for cooking	Part 3. Information on housing 62. What is the main kind of fuel (energy) that your household uses for cooking? <input type="checkbox"/> 1 Electricity <input type="checkbox"/> 2 Gas or biogas <input type="checkbox"/> 3 Coal <input type="checkbox"/> 4 Wood <input type="checkbox"/> 5 Other Specify ____ <input type="checkbox"/> 6 No use

ID	Name	Label	Question
VN2019A_WATSRC	VN2019A_WATSRC	Source of water for cooking and drinking	Part 3. Information on housing 63. What is the main source of cooking or drinking water for your household? <input type="checkbox"/> 1 Tap water <input type="checkbox"/> 2 Purchased water (xitec, vase) <input type="checkbox"/> 3 Drilled well <input type="checkbox"/> 4 Protected dig well <input type="checkbox"/> 5 Unprotected dig well <input type="checkbox"/> 6 Protected slot water <input type="checkbox"/> 7 Unprotected slot water <input type="checkbox"/> 8 Rainwater <input type="checkbox"/> 9 Other Specify ____
VN2019A_TOILET	VN2019A_TOILET	Type of toilet	Part 3. Information on housing 64. What kind of toilet facility does your household use most? <input type="checkbox"/> 1 Indoor flush or semi-flush toilet <input type="checkbox"/> 2 Outdoor flush or semi-flush toilet <input type="checkbox"/> 3 Other <input type="checkbox"/> 4 No toilet
VN2019A_TV	VN2019A_TV	Television	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Television <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No
VN2019A_RADIO	VN2019A_RADIO	Radio	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Radio (radio or radio cassettes) <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No
VN2019A_COMPUTER	VN2019A_COMPUTER	Computer	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Computer <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No
VN2019A_PHONE	VN2019A_PHONE	Landline telephone	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Landline telephone <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No
VN2019A_REFRIG	VN2019A_REFRIG	Refrigerator	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Refrigerator <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No

ID	Name	Label	Question
VN2019A_WASHER	VN2019A_WASHER	Washing machine	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Washing machine [] 1 Yes [] 2 No
VN2019A_WATHEAT	VN2019A_WATHEAT	Water heater	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Water heater [] 1 Yes [] 2 No
VN2019A_AIRCON	VN2019A_AIRCON	Air conditioner	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Air conditioner [] 1 Yes [] 2 No
VN2019A_MOTORCYC	VN2019A_MOTORCYC	Motorcycle, motorbike, or electric bike	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Motorcycle, motorbike, or electric bike [] 1 Yes [] 2 No
VN2019A_BIKE	VN2019A_BIKE	Bicycle	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Bicycle [] 1 Yes [] 2 No
VN2019A_BOAT	VN2019A_BOAT	Boat	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Boat/ dinghy or junk [] 1 Yes [] 2 No
VN2019A_CAR	VN2019A_CAR	Car	Part 3. Information on housing 65. At present, does your household have any of the following appliances: (Read the name of the appliances in the answer options) Car [] 1 Yes [] 2 No
VN2019A_WTHH	VN2019A_WTHH	Household weight	
VN2019A_STRATA	VN2019A_STRATA	Strata	

total: 85

**Data file: VNM2019\_PHC-P-H.dat**

Person records

Cases: 8236773

variables:

**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	
STPMOM	STPMOM	Probable stepmother	
STPPOP	STPPOP	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]	
AGEMARR	AGEMARR	Age at first marriage or union	
MARRYR	MARRYR	Year of first marriage	
BIRTHYR	BIRTHYR	Year of birth	
CHBORN	CHBORN	Children ever born	
CHSURV	CHSURV	Children surviving	
CHBORNF	CHBORNF	Number of female children ever born	

ID	Name	Label	Question
CHBORNM	CHBORNM	Number of male children ever born	
CHSURVF	CHSURVF	Number of female children surviving	
CHSURVM	CHSURVM	Number of male children surviving	
LASTBMO	LASTBMO	Month of last birth	
LASTBYR	LASTBYR	Year of last birth	
BIRTHSLYR	BIRTHSLYR	Number of births last year	
CHDEAD	CHDEAD	Number of children dead	
CHDEADFEM	CHDEADFEM	Number of female children dead	
CHDEADMALE	CHDEADMALE	Number of male children dead	
HOMECHILD	HOMECHILD	Number of own children in household	
HOMEFEM	HOMEFEM	Number of own female children in household	
HOMEMALE	HOMEMALE	Number of own male children in household	
AWAYCHILD	AWAYCHILD	Number of own children living elsewhere	
AWAYFEM	AWAYFEM	Number of own female children living elsewhere	
AWAYMALE	AWAYMALE	Number of own male children living elsewhere	
BTHCERT	BTHCERT	Has birth certificate or birth is registered	
RELIGION	RELIGION	Religion [general version]	
RELIGIOND	RELIGIOND	Religion [detailed version]	
ETHNICVN	ETHNICVN	Ethnicity, Vietnam	
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	
EDUCVN	EDUCVN	Educational attainment, Vietnam	
EMPSTAT	EMPSTAT	Activity status (employment status) [general version]	
EMPSTATD	EMPSTATD	Activity status (employment status) [detailed version]	
LABFORCE	LABFORCE	Labor force participation	
OCCISCO	OCCISCO	Occupation, ISCO general	
OCC	OCC	Occupation, unrecoded	
INDGEN	INDGEN	Industry, general recode	
IND	IND	Industry, unrecoded	
CLASSWK	CLASSWK	Status in employment (class of worker) [general version]	

ID	Name	Label	Question
CLASSWKD	CLASSWKD	Status in employment (class of worker) [detailed version]	
WRKAVAIL	WRKAVAIL	Available to work	
MIGRATE5	MIGRATE5	Migration status, 5 years	
GEOMIG1_5	GEOMIG1_5	1st subnational geographic level of residence 5 years prior to survey, world [consistent boundaries over time]	
MIGCAUSE	MIGCAUSE	Reason for migration	
MIG1_5_VN	MIG1_5_VN	Province of residence 5 years ago, Vietnam; consistent boundaries, GIS	
MIG2_5_VN	MIG2_5_VN	District of residence 5 years ago, Vietnam; consistent boundaries, GIS	
DISABLED	DISABLED	Disability status	
DISBLND	DISBLND	Blind or vision-impaired	
DISDEAF	DISDEAF	Deaf or hearing-impaired	
DISMUTE	DISMUTE	Mute or speech impaired	
DISMOBIL	DISMOBIL	Disability limiting ability to walk	
DISMNTL	DISMNTL	Mental disability	
DISCARE	DISCARE	Personal care limitation	
WGCARE	WGCARE	Difficulty with self-care (Washington group)	
WGCOGN	WGCOGN	Difficulty remembering or concentrating (Washington group)	
WGCOMM	WGCOMM	Difficulty communicating (Washington group)	
WGHEAR	WGHEAR	Difficulty hearing (Washington group)	
WGMOBIL	WGMOBIL	Difficulty walking or climbing stairs (Washington group)	
WGVISION	WGVISION	Difficulty seeing (Washington group)	
VN2019A_PERNUM	VN2019A_PERNUM	Person number (within household)	
VN2019A_RELATE	VN2019A_RELATE	Relationship to household head	Part 1. Information on household members 2. What is [the respondent]'s relationship with the household head? [] 1 Household head [] 2 Spouse [] 3 Natural child [] 4 Maternal or paternal grandchild [] 5 Parents [] 6 Other family relation [] 7 No family relation
VN2019A_SEX	VN2019A_SEX	Sex	Part 1. Information on household members 3. Is [the respondent] male or female? [] 1 Male [] 2 Female

ID	Name	Label	Question
VN2019A_BIRTHYR	VN2019A_BIRTHYR	Birth year	Part 1. Information on household members 4. In what solar calendar month and year was [the respondent] born? Month __ Year ____ (skip to Q6)  [ ] Not stated year 9998
VN2019A_AGE	VN2019A_AGE	Age	Part 1. Information on household members 5. At present, what is solar calendar age of [the respondent]? Completed age __
VN2019A_ETHNIC1	VN2019A_ETHNIC1	Kinh ethnic group	Part 1. Information on household members 6. To what ethnic group does [the respondent] belong? [ ] 1 Kinh [ ] 2 Other ethnic group ____ Name of ethnic group
VN2019A_ETHNIC2	VN2019A_ETHNIC2	Other ethnic group	Part 1. Information on household members 6. To what ethnic group does [the respondent] belong? [ ] 1 Kinh [ ] 2 Other ethnic group ____ Name of ethnic group
VN2019A_RELIG	VN2019A_RELIG	Follow faith or religion	Part 1. Information on household members 7. Does [the respondent] follow any faith or religion? If yes, what is [the respondent]'s faith/religion? [ ] 1 Yes ____ Name of the religion [ ] 2 No
VN2019A_RELIG2	VN2019A_RELIG2	Faith or religion	Part 1. Information on household members 7. Does [the respondent] follow any faith or religion? If yes, what is [the respondent]'s faith/religion? [ ] 1 Yes ____ Name of the religion [ ] 2 No
VN2019A_REGBTH	VN2019A_REGBTH	Birth certificate registered	Part 1. Information on household members KT1. Check question 4 or question 5: under 5 years old (born after March 2014) then go to question 8; otherwise go to question 9 8. At present does [the respondent] have birth certificate registered? [ ] 1 Registered [ ] 2 Not registered (skip to next person)
VN2019A_RES5YR	VN2019A_RES5YR	Usual residence five years ago	Part 1. Information on household members 9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)? [ ] 1 Abroad (skip to Q13) [ ] 2 Same commune or ward (skip to Q13) [ ] 3 Other commune or ward in same district (skip to Q11) [ ] 4 Other district

ID	Name	Label	Question
VN2019A_PROV5YR	VN2019A_PROV5YR	Province or city of residence five years ago	<p>Part 1. Information on household members</p> <p>9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)?</p> <p><input type="checkbox"/> 1 Abroad (skip to Q13)</p> <p><input type="checkbox"/> 2 Same commune or ward (skip to Q13)</p> <p><input type="checkbox"/> 3 Other commune or ward in same district (skip to Q11)</p> <p><input type="checkbox"/> 4 Other district</p> <p>10. Which district and city or province did [the respondent] move from?</p> <p>Name of city or province ____ _</p> <p>Name of district ____ _</p>
VN2019A_DIST5YR	VN2019A_DIST5YR	District of residence five years ago	<p>Part 1. Information on household members</p> <p>9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)?</p> <p><input type="checkbox"/> 1 Abroad (skip to Q13)</p> <p><input type="checkbox"/> 2 Same commune or ward (skip to Q13)</p> <p><input type="checkbox"/> 3 Other commune or ward in same district (skip to Q11)</p> <p><input type="checkbox"/> 4 Other district</p> <p>10. Which district and city or province did [the respondent] move from?</p> <p>Name of city or province ____ _</p> <p>Name of district ____ _</p>
VN2019A_RES5YRTYP	VN2019A_RES5YRTYP	Type of place of usual residence five years ago	<p>Part 1. Information on household members</p> <p>9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)?</p> <p><input type="checkbox"/> 1 Abroad (skip to Q13)</p> <p><input type="checkbox"/> 2 Same commune or ward (skip to Q13)</p> <p><input type="checkbox"/> 3 Other commune or ward in same district (skip to Q11)</p> <p><input type="checkbox"/> 4 Other district</p> <p>10. Which district and city or province did [the respondent] move from?</p> <p>Name of city or province ____ _</p> <p>Name of district ____ _</p> <p>11. Was the above-mentioned place of usual residence of [the respondent] a ward, a district town or a commune five years ago?</p> <p><input type="checkbox"/> 1 Ward or district town</p> <p><input type="checkbox"/> 2 Commune</p>

ID	Name	Label	Question
VN2019A_MOVREAS	VN2019A_MOVREAS	Reason for moving to this household	<p>Part 1. Information on household members</p> <p>9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)?</p> <p><input type="checkbox"/> 1 Abroad (skip to Q13)</p> <p><input type="checkbox"/> 2 Same commune or ward (skip to Q13)</p> <p><input type="checkbox"/> 3 Other commune or ward in same district (skip to Q11)</p> <p><input type="checkbox"/> 4 Other district</p> <p>12. What was the main reason that [the respondent] moved to this household?</p> <p><input type="checkbox"/> 1 To find work or to start a new job</p> <p><input type="checkbox"/> 2 Came back homeland due to lost job, ended job, or could not find job</p> <p><input type="checkbox"/> 3 Follow family</p> <p><input type="checkbox"/> 4 Marriage</p> <p><input type="checkbox"/> 5 Schooling</p> <p><input type="checkbox"/> 6 Other</p> <p>Specify _____</p>
VN2019A_DISSIGHT	VN2019A_DISSIGHT	Difficulty seeing	<p>Part 1. Information on household members</p> <p>The next questions are about difficulties a person faces when performing certain activities due to health reasons.</p> <p>13. Does [the respondent] have any difficulty with:</p> <p>(If yes: How difficult is it? difficult, very difficult or completely unable)</p> <p>a) Seeing (even if wearing glasses)?</p> <p><input type="checkbox"/> 1 Not difficult</p> <p><input type="checkbox"/> 2 Difficult</p> <p><input type="checkbox"/> 3 Very difficult</p> <p><input type="checkbox"/> 4 Unable</p>
VN2019A_DISHEAR	VN2019A_DISHEAR	Difficulty hearing	<p>Part 1. Information on household members</p> <p>The next questions are about difficulties a person faces when performing certain activities due to health reasons.</p> <p>13. Does [the respondent] have any difficulty with:</p> <p>(If yes: How difficult is it? difficult, very difficult or completely unable)</p> <p>b) Hearing (even if wearing hearing aid)?</p> <p><input type="checkbox"/> 1 Not difficult</p> <p><input type="checkbox"/> 2 Difficult</p> <p><input type="checkbox"/> 3 Very difficult</p> <p><input type="checkbox"/> 4 Unable</p>
VN2019A_DISMOBIL	VN2019A_DISMOBIL	Difficulty walking	<p>Part 1. Information on household members</p> <p>The next questions are about difficulties a person faces when performing certain activities due to health reasons.</p> <p>13. Does [the respondent] have any difficulty with:</p> <p>(If yes: How difficult is it? difficult, very difficult or completely unable)</p> <p>c) Walking on the ground? (even if there is someone to support or aid equipment used)</p> <p><input type="checkbox"/> 1 Not difficult</p> <p><input type="checkbox"/> 2 Difficult</p> <p><input type="checkbox"/> 3 Very difficult</p> <p><input type="checkbox"/> 4 Unable</p>

ID	Name	Label	Question
VN2019A_DISMNTL	VN2019A_DISMNTL	Difficulty remembering or paying attention	<p>Part 1. Information on household members</p> <p>The next questions are about difficulties a person faces when performing certain activities due to health reasons.</p> <p>13. Does [the respondent] have any difficulty with:</p> <p>(If yes: How difficult is it? difficult, very difficult or completely unable)</p> <p>d) Remembering or paying attention?</p> <p><input type="checkbox"/> 1 Not difficult</p> <p><input type="checkbox"/> 2 Difficult</p> <p><input type="checkbox"/> 3 Very difficult</p> <p><input type="checkbox"/> 4 Unable</p>
VN2019A_DISCARE	VN2019A_DISCARE	Difficulty with self-care	<p>Part 1. Information on household members</p> <p>The next questions are about difficulties a person faces when performing certain activities due to health reasons.</p> <p>13. Does [the respondent] have any difficulty with:</p> <p>(If yes: How difficult is it? difficult, very difficult or completely unable)</p> <p>e) Self-care (bathing, changing clothes, eating, going to the bathroom, etc)?</p> <p><input type="checkbox"/> 1 Not difficult</p> <p><input type="checkbox"/> 2 Difficult</p> <p><input type="checkbox"/> 3 Very difficult</p> <p><input type="checkbox"/> 4 Unable</p>
VN2019A_DISCOMM	VN2019A_DISCOMM	Difficulty communicating (using normal language)	<p>Part 1. Information on household members</p> <p>The next questions are about difficulties a person faces when performing certain activities due to health reasons.</p> <p>13. Does [the respondent] have any difficulty with:</p> <p>(If yes: How difficult is it? difficult, very difficult or completely unable)</p> <p>f) Communicating? (using normal language)</p> <p><input type="checkbox"/> 1 Not difficult</p> <p><input type="checkbox"/> 2 Difficult</p> <p><input type="checkbox"/> 3 Very difficult</p> <p><input type="checkbox"/> 4 Unable</p>
VN2019A_SCHOOL	VN2019A_SCHOOL	Attending school	<p>Part 1. Information on household members</p> <p>14. At present, has [the respondent] been attending, stopped schooling or never attended schools?</p> <p><input type="checkbox"/> 1 Attending</p> <p><input type="checkbox"/> 2 Stopped schooling (skip to Q16)</p> <p><input type="checkbox"/> 3 Never attended (skip to Q19)</p>

ID	Name	Label	Question
VN2019A_SCHOOLLEV	VN2019A_SCHOOLLEV	Level of education or training currently attending	<p>Part 1. Information on household members</p> <p>14. At present, has [the respondent] been attending, stopped schooling or never attended schools?</p> <p><input type="checkbox"/> 1 Attending</p> <p><input type="checkbox"/> 2 Stopped schooling (skip to Q16)</p> <p><input type="checkbox"/> 3 Never attended (skip to Q19)</p> <p>15. What is the level of education/training that [the respondent] is currently attending?</p> <p><input type="checkbox"/> 1 Pre-school below 5 years old (skip to Q19)</p> <p><input type="checkbox"/> 2 Pre-school at 5 years old (skip to Q19)</p> <p><input type="checkbox"/> 3 Primary</p> <p><input type="checkbox"/> 4 Lower secondary</p> <p><input type="checkbox"/> 5 Higher secondary</p> <p><input type="checkbox"/> 6 Pre-intermediate</p> <p><input type="checkbox"/> 7 Intermediate</p> <p><input type="checkbox"/> 8 College</p> <p><input type="checkbox"/> 9 University</p> <p><input type="checkbox"/> 10 Master</p> <p><input type="checkbox"/> 11 PhD (Doctor)</p>
VN2019A_EDLEV	VN2019A_EDLEV	Highest level of education or training completed	<p>Part 1. Information on household members</p> <p>16. What is the highest level of education/training that [the respondent] has completed or graduated?</p> <p><input type="checkbox"/> 1 Under primary</p> <p><input type="checkbox"/> 2 Primary</p> <p><input type="checkbox"/> 3 Lower secondary</p> <p><input type="checkbox"/> 4 Higher secondary</p> <p><input type="checkbox"/> 5 Short term training</p> <p><input type="checkbox"/> 6 Voc. school</p> <p><input type="checkbox"/> 7 College</p> <p><input type="checkbox"/> 8 University</p> <p><input type="checkbox"/> 9 Master</p> <p><input type="checkbox"/> 10 Ph.D. (Doctor)</p>
VN2019A_EDGRADE	VN2019A_EDGRADE	Highest grade of general education completed	<p>Part 1. Information on household members</p> <p>17. What is the highest grade of general education that [the respondent] has completed?</p> <p>Grade is converted into 12-year general education level</p> <p>General grade __</p>
VN2019A_YRSCHL	VN2019A_YRSCHL	Total years of vocational training or post secondary education	<p>Part 1. Information on household members</p> <p>18. How many total years did [the respondent] spend attending all forms of vocational training, professional training, and university, master and PhD (doctorate) education, if any?</p> <p>Number of years __</p>

ID	Name	Label	Question
VN2019A_LIT	VN2019A_LIT	Literacy	<p>Part 1. Information on household members</p> <p>16. What is the highest level of education/training that [the respondent] has completed or graduated?</p> <p><input type="checkbox"/> 1 Under primary</p> <p><input type="checkbox"/> 2 Primary</p> <p><input type="checkbox"/> 3 Lower secondary</p> <p><input type="checkbox"/> 4 Higher secondary</p> <p><input type="checkbox"/> 5 Short term training</p> <p><input type="checkbox"/> 6 Voc. school</p> <p><input type="checkbox"/> 7 College</p> <p><input type="checkbox"/> 8 University</p> <p><input type="checkbox"/> 9 Master</p> <p><input type="checkbox"/> 10 Ph.D. (Doctor)</p> <p>KT2. Check Q16: Q16 = 1 (below primary) to Q19, otherwise to KT3</p> <p>19. At present, can [the respondent] read and write?</p> <p><input type="checkbox"/> 1 Yes</p> <p><input type="checkbox"/> 2 No</p>
VN2019A_MARST	VN2019A_MARST	Marital status	<p>Part 1. Information on household members</p> <p>KT3. Check Q4 or Q5: from 15 years old and over (born before April 2004) then go to Q20, otherwise go to KT6</p> <p>20. What is the currently marital status of [the respondent]?</p> <p><input type="checkbox"/> 1 Never married</p> <p><input type="checkbox"/> 2 Currently married</p> <p><input type="checkbox"/> 3 Widowed</p> <p><input type="checkbox"/> 4 Divorced</p> <p><input type="checkbox"/> 5 Separated</p>
VN2019A_MARRMO	VN2019A_MARRMO	Month of first marriage	<p>Part 1. Information on household members</p> <p>KT4. Check Q4 or Q5: from 15 to 39 years old (born since April 1979 to March 2004) then go to Q21; otherwise go to Q23.</p> <p>21. In what solar calendar month and year did [the respondent] get married the first time?</p> <p>Month __</p> <p>Year ____ (skip to Q23)</p> <p><input type="checkbox"/> Not stated year (9998)</p>
VN2019A_MARRYR	VN2019A_MARRYR	Year of first marriage	<p>Part 1. Information on household members</p> <p>KT4. Check Q4 or Q5: from 15 to 39 years old (born since April 1979 to March 2004) then go to Q21; otherwise go to Q23.</p> <p>21. In what solar calendar month and year did [the respondent] get married the first time?</p> <p>Month __</p> <p>Year ____ (skip to Q23)</p> <p><input type="checkbox"/> Not stated year (9998)</p>

ID	Name	Label	Question
VN2019A_AGEMARR	VN2019A_AGEMARR	Age at first marriage	Part 1. Information on household members KT4. Check Q4 or Q5: from 15 to 39 years old (born since April 1979 to March 2004) then go to Q21; otherwise go to Q23. 22. What was solar calendar age of [the respondent] when he/she got married the first time? Completed age __
VN2019A_WORK	VN2019A_WORK	Paid work in the past seven days	Part 1. Information on household members 23. In the last 7 days, did [the respondent] work for at least one hour as part of earning income for him/her-self or family? [] 1 Yes (skip to Q26) [] 2 No [] 3 Abroad (skip to KT6)
VN2019A_WKBENEF	VN2019A_WKBENEF	Paid or received benefits from production or business activities without working	Part 1. Information on household members 24. Although [the respondent] did not work, was he/she paid or did he/she receive any benefits from a production or business activity? [] 1 Yes (skip to Q26) [] 2 No
VN2019A_WKRETURN	VN2019A_WKRETURN	Will return to a job in the next 30 days	Part 1. Information on household members 25. Does [the respondent] have a job he/she will return to in the next 30 days? [] 1 Yes [] 2 No (skip to Q31)
VN2019A_OCC3	VN2019A_OCC3	Occupation, 3 digit	Part 1. Information on household members 26. What is the main job/ task that [the respondent] has done for the last 7 days or did previously? Example 1: - Describe main job: assembly manager for electricity and electrical equipment - Title: factory manager  Example 2: - Describe main job: building houses - Title: build manager  _____ Main tasks _____ Title (if any) Occupational code _ _ _ _

ID	Name	Label	Question
VN2019A_OCC2	VN2019A_OCC2	Occupation, 2 digit	<p>Part 1. Information on household members</p> <p>26. What is the main job/ task that [the respondent] has done for the last 7 days or did previously?</p> <p>Example 1:</p> <ul style="list-style-type: none"> <li>- Describe main job: assembly manager for electricity and electrical equipment</li> <li>- Title: factory manager</li> </ul> <p>Example 2:</p> <ul style="list-style-type: none"> <li>- Describe main job: building houses</li> <li>- Title: build manager</li> </ul> <p>_____ Main tasks            _____ Title (if any)            Occupational code _ _ _ _</p>
VN2019A_OCC1	VN2019A_OCC1	Occupation, 1 digit	<p>Part 1. Information on household members</p> <p>26. What is the main job/ task that [the respondent] has done for the last 7 days or did previously?</p> <p>Example 1:</p> <ul style="list-style-type: none"> <li>- Describe main job: assembly manager for electricity and electrical equipment</li> <li>- Title: factory manager</li> </ul> <p>Example 2:</p> <ul style="list-style-type: none"> <li>- Describe main job: building houses</li> <li>- Title: build manager</li> </ul> <p>_____ Main tasks            _____ Title (if any)            Occupational code _ _ _ _</p>
VN2019A_IND4	VN2019A_IND4	Industry, 4 digit	<p>Part 1. Information on household members</p> <p>27. What is the main activity/ product of the place/facility where [the respondent] worked for the last 7 days/ did previously?</p> <p>Example 1:</p> <ul style="list-style-type: none"> <li>- Name of the facility: garment factory, Viet Tien garment corporation</li> <li>- Main product/service: clothing</li> </ul> <p>Example 2:</p> <ul style="list-style-type: none"> <li>- Name of the facility: Hoa Lan restaurant</li> <li>- Main product/ service: food and drink service</li> </ul> <p>Name of the facility (if any) _____            Main product/ service _____            Sectoral code _ _ _ _</p>

ID	Name	Label	Question
VN2019A_IND3	VN2019A_IND3	Industry, 3 digit	<p>Part 1. Information on household members</p> <p>27. What is the main activity/ product of the place/facility where [the respondent] worked for the last 7 days/ did previously?</p> <p>Example 1:</p> <ul style="list-style-type: none"> <li>- Name of the facility: garment factory, Viet Tien garment corporation</li> <li>- Main product/service: clothing</li> </ul> <p>Example 2:</p> <ul style="list-style-type: none"> <li>- Name of the facility: Hoa Lan restaurant</li> <li>- Main product/ service: food and drink service</li> </ul> <p>Name of the facility (if any) _____  Main product/ service _____  Sectoral code _ _ _ _</p>
VN2019A_IND2	VN2019A_IND2	Industry, 2 digit	<p>Part 1. Information on household members</p> <p>27. What is the main activity/ product of the place/facility where [the respondent] worked for the last 7 days/ did previously?</p> <p>Example 1:</p> <ul style="list-style-type: none"> <li>- Name of the facility: garment factory, Viet Tien garment corporation</li> <li>- Main product/service: clothing</li> </ul> <p>Example 2:</p> <ul style="list-style-type: none"> <li>- Name of the facility: Hoa Lan restaurant</li> <li>- Main product/ service: food and drink service</li> </ul> <p>Name of the facility (if any) _____  Main product/ service _____  Sectoral code _ _ _ _</p>
VN2019A_IND1	VN2019A_IND1	Industry, 1 digit	<p>Part 1. Information on household members</p> <p>27. What is the main activity/ product of the place/facility where [the respondent] worked for the last 7 days/ did previously?</p> <p>Example 1:</p> <ul style="list-style-type: none"> <li>- Name of the facility: garment factory, Viet Tien garment corporation</li> <li>- Main product/service: clothing</li> </ul> <p>Example 2:</p> <ul style="list-style-type: none"> <li>- Name of the facility: Hoa Lan restaurant</li> <li>- Main product/ service: food and drink service</li> </ul> <p>Name of the facility (if any) _____  Main product/ service _____  Sectoral code _ _ _ _</p>

ID	Name	Label	Question
VN2019A_VOCCERT	VN2019A_VOCCERT	Received training or obtained vocational certificates	<p>Part 1. Information on household members</p> <p>KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.</p> <p>28. Did [the respondent] receive any training or obtain any vocational certificates?</p> <p><input type="checkbox"/> 1 Yes (skip to Q30)</p> <p><input type="checkbox"/> 2 No</p>
VN2019A_TSK3YR	VN2019A_TSK3YR	Performed a task for 3 or more years	<p>Part 1. Information on household members</p> <p>KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.</p> <p>28. Did [the respondent] receive any training or obtain any vocational certificates?</p> <p><input type="checkbox"/> 1 Yes (skip to Q30)</p> <p><input type="checkbox"/> 2 No</p> <p>29. Did [the respondent] perform a task:</p> <p>a. For 3 or more years?</p> <p><input type="checkbox"/> 1 Yes</p> <p><input type="checkbox"/> 2 No</p> <p>b. That uses machines, equipment or traditional crafts?</p> <p><input type="checkbox"/> 1 Yes</p> <p><input type="checkbox"/> 2 No</p>
VN2019A_TSKMACH	VN2019A_TSKMACH	Performed a task that uses machines, equipment or traditional crafts	<p>Part 1. Information on household members</p> <p>KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.</p> <p>28. Did [the respondent] receive any training or obtain any vocational certificates?</p> <p><input type="checkbox"/> 1 Yes (skip to Q30)</p> <p><input type="checkbox"/> 2 No</p> <p>29. Did [the respondent] perform a task:</p> <p>a. For 3 or more years?</p> <p><input type="checkbox"/> 1 Yes</p> <p><input type="checkbox"/> 2 No</p> <p>b. That uses machines, equipment or traditional crafts?</p> <p><input type="checkbox"/> 1 Yes</p> <p><input type="checkbox"/> 2 No</p>
VN2019A_CLASSWK	VN2019A_CLASSWK	Class of worker	<p>Part 1. Information on household members</p> <p>30. With the above-mentioned job, what was [the respondent]'s role? (Read multiple choice)</p> <p><input type="checkbox"/> 1 Owner of the facility (can hire regular leaders)</p> <p><input type="checkbox"/> 2 Self-employed</p> <p><input type="checkbox"/> 3 Family labor</p> <p><input type="checkbox"/> 4 Cooperative member</p> <p><input type="checkbox"/> 5 Salary earner</p> <p>(If any is selected, skip to KT6)</p>

ID	Name	Label	Question
VN2019A_WKSEEK	VN2019A_WKSEEK	Looked for work or prepared to start a production or business activity in last 30 days	<p>Part 1. Information on household members  KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.  31. For the last 30 days, has [the respondent] proactively found job or prepared to start a production or business activity?  <input type="checkbox"/> 1 Yes (skip to Q33)  <input type="checkbox"/> 2 No</p>
VN2019A_WKREAS	VN2019A_WKREAS	Reason for not finding a job	<p>Part 1. Information on household members  KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.  31. For the last 30 days, has [the respondent] proactively found job or prepared to start a production or business activity?  <input type="checkbox"/> 1 Yes (skip to Q33)  <input type="checkbox"/> 2 No  32. What is the reason why [the respondent] has not found a job?  <input type="checkbox"/> 01 Too old, young, or losing labor capacity  <input type="checkbox"/> 02 Pupil, student, or housewife  <input type="checkbox"/> 03 Believe that they can't find a job or no suitable jobs  <input type="checkbox"/> 04 Don't know where or how to find a job  <input type="checkbox"/> 05 Break due to downsizing or closing business  <input type="checkbox"/> 06 Waiting or waiting for a business to open  <input type="checkbox"/> 07 Seasonal break  <input type="checkbox"/> 08 Bad weather  <input type="checkbox"/> 09 Temporary illness or busy  <input type="checkbox"/> 10 Other  Specify ____</p>
VN2019A_WKAVAIL	VN2019A_WKAVAIL	Ready to begin a job in the next two weeks	<p>Part 1. Information on household members  KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.  33. Would [the respondent] be ready to begin a job or production activity in the next two weeks?  <input type="checkbox"/> 1 Yes  <input type="checkbox"/> 2 No</p>

ID	Name	Label	Question
VN2019A_EMPSTAT	VN2019A_EMPSTAT	Employment status	<p>Part 1. Information on household members</p> <p>23. In the last 7 days, did [the respondent] work for at least one hour as part of earning income for him/her-self or family?</p> <p><input type="checkbox"/> 1 Yes (skip to Q26)</p> <p><input type="checkbox"/> 2 No</p> <p><input type="checkbox"/> 3 Abroad (skip to KT6)</p> <p>31. For the last 30 days, has [the respondent] proactively found job or prepared to start a production or business activity?</p> <p><input type="checkbox"/> 1 Yes (skip to Q33)</p> <p><input type="checkbox"/> 2 No</p>
VN2019A_CHEVER	VN2019A_CHEVER	Ever given birth	<p>Part 1. Information on household members</p> <p>KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.</p> <p>34. Have you ever given birth? (Given birth: only count on live births)</p> <p><input type="checkbox"/> 1 Given birth</p> <p><input type="checkbox"/> 2 Not given birth (proceed to next person)</p>
VN2019A_CHHOMEM	VN2019A_CHHOMEM	Number of sons living in household	<p>Part 1. Information on household members</p> <p>KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.</p> <p>34. Have you ever given birth? (Given birth: only count on live births)</p> <p><input type="checkbox"/> 1 Given birth</p> <p><input type="checkbox"/> 2 Not given birth (proceed to next person)</p> <p>35. Of those you have given birth to, how many sons and daughters are living in your household?</p> <p>__ No. of sons</p> <p>__ No. of daughters</p>
VN2019A_CHHOMEF	VN2019A_CHHOMEF	Number of daughters living in household	<p>Part 1. Information on household members</p> <p>KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.</p> <p>34. Have you ever given birth? (Given birth: only count on live births)</p> <p><input type="checkbox"/> 1 Given birth</p> <p><input type="checkbox"/> 2 Not given birth (proceed to next person)</p> <p>35. Of those you have given birth to, how many sons and daughters are living in your household?</p> <p>__ No. of sons</p> <p>__ No. of daughters</p>

ID	Name	Label	Question
VN2019A_CHAWAYM	VN2019A_CHAWAYM	Number of sons living elsewhere	<p>Part 1. Information on household members  KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.  34. Have you ever given birth?  (Given birth: only count on live births)</p> <p><input type="checkbox"/> 1 Given birth  <input type="checkbox"/> 2 Not given birth (proceed to next person)  36. Of those you have given birth to, how many sons and daughters are living elsewhere?  __ No. of sons  __ No. of daughters</p>
VN2019A_CHAWAYF	VN2019A_CHAWAYF	Number of daughters living elsewhere	<p>Part 1. Information on household members  KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.  34. Have you ever given birth?  (Given birth: only count on live births)</p> <p><input type="checkbox"/> 1 Given birth  <input type="checkbox"/> 2 Not given birth (proceed to next person)  36. Of those you have given birth to, how many sons and daughters are living elsewhere?  __ No. of sons  __ No. of daughters</p>
VN2019A_CHDEADM	VN2019A_CHDEADM	Number of sons who died	<p>Part 1. Information on household members  KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.  34. Have you ever given birth?  (Given birth: only count on live births)</p> <p><input type="checkbox"/> 1 Given birth  <input type="checkbox"/> 2 Not given birth (proceed to next person)  37. Were there any instances where you gave birth to a living child but they later died? If yes, what is the number of sons and daughters who died?  __ No. of sons  __ No. of daughters</p>

ID	Name	Label	Question
VN2019A_CHDEADF	VN2019A_CHDEADF	Number of daughters who died	<p>Part 1. Information on household members  KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.  34. Have you ever given birth?  (Given birth: only count on live births)</p> <p><input type="checkbox"/> 1 Given birth  <input type="checkbox"/> 2 Not given birth (proceed to next person)  37. Were there any instances where you gave birth to a living child but they later died? If yes, what is the number of sons and daughters who died?  __ No. of sons  __ No. of daughters</p>
VN2019A_LSTBMO	VN2019A_LSTBMO	Month of last birth	<p>Part 1. Information on household members  KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.  34. Have you ever given birth?  (Given birth: only count on live births)</p> <p><input type="checkbox"/> 1 Given birth  <input type="checkbox"/> 2 Not given birth (proceed to next person)  38. In what solar calendar month and year did you last give birth?  Month __  Year ____</p>
VN2019A_LSTBYR	VN2019A_LSTBYR	Year of last birth	<p>Part 1. Information on household members  KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.  34. Have you ever given birth?  (Given birth: only count on live births)</p> <p><input type="checkbox"/> 1 Given birth  <input type="checkbox"/> 2 Not given birth (proceed to next person)  38. In what solar calendar month and year did you last give birth?  Month __  Year ____</p>
VN2019A_LSTBM	VN2019A_LSTBM	Total number of sons in last birth	<p>Part 1. Information on household members  KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.  39. How many sons and daughters did you have as of your last birth?  __ No. of sons  __ No. of daughters</p>

ID	Name	Label	Question
VN2019A_LSTBF	VN2019A_LSTBF	Total number of daughters in last birth	Part 1. Information on household members KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person. 39. How many sons and daughters did you have as of your last birth? __ No. of sons __ No. of daughters
VN2019A_BTHLYRM	VN2019A_BTHLYRM	Number of sons born between April 2018 and March 2019	Part 1. Information on household members KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person. KT7. Check Q38: month, year of the last birth since April 2018 to March 2019 then go to Q40; otherwise go to KT8. 40. How many sons and daughters did you give birth to from April 2018 to March 2019? __ No. of sons __ No. of daughters
VN2019A_BTHLYRF	VN2019A_BTHLYRF	Number of daughters born between April 2018 and March 2019	Part 1. Information on household members KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person. KT7. Check Q38: month, year of the last birth since April 2018 to March 2019 then go to Q40; otherwise go to KT8. 40. How many sons and daughters did you give birth to from April 2018 to March 2019? __ No. of sons __ No. of daughters
VN2019A_BTHSTAFF	VN2019A_BTHSTAFF	Personnel assisting with last birth delivery	Part 1. Information on household members KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person. KT8. Check Q38: month, year of the last birth from 4/2017 to 3/2019 then go to Q41; otherwise go to the next person. 41. Who assisted your last birth delivery? [] 1 Health staff [] 2 Village health or midwife [] 3 Other Specify ____ [] 4 No one
VN2019A_WTPER	VN2019A_WTPER	Person weight	

total: 147



**COUNTRY: Country****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

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

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

## description

### DEFINITION

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

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

## GQ: Group quarters (collective dwelling) status

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

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

## description

### DEFINITION

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

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

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Group Quarters Variables -- HOUSEHOLD	IPUMS

**HHWT: Household weight****Data file:** VNM2019\_PHC-H-H.dat**Overview**

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

**description**

## DEFINITION

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

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

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

**Imputation and derivation**

## DERIVATION

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

**PERSONS: Number of person records in the household****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Continuous    Decimal: 0    Width: 4    Range: -    Format: Numeric

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

## Imputation and derivation

### DERIVATION

PERSONS is a 4-digit numeric variable.

## RECTYPE: Record type

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Continuous    Decimal: 0    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

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

## SAMPLE: IPUMS sample identifier

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

**SERIAL: Household serial number****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Continuous    Decimal: 0    Width: 12    Range: -    Format: Numeric

**description**

## DEFINITION

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

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

Chile 1970, 1992, 2002Colombia 1993, 2005Costa Rica 1984, 2000Cuba 2002Dominican Republic 1981, 2002, 2010Ecuador 1990, 2001Germany 1971Hungary 1980, 1990, 2001Jamaica 1982, 1991, 2001Malaysia 1970, 1991, 2000Mexico 1995, 1990, 2000, 2005Nigeria 2006Panama 2000Peru 1993, 2007Portugal 1981, 1991, 2001Spain 1991Uruguay 2011Venezuela 1990, 2001Vietnam 1989In all other samples, the last 3 digits are always zeroes.

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

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

**Imputation and derivation**

## DERIVATION

SERIAL is a 10-digit numeric variable.

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

**SUBSAMP: Subsample number****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

<b>Value</b>	<b>Category</b>
00	1st 1% subsample
01	2nd 1% subsample
02	3rd 1% subsample
03	4th 1% subsample
04	5th 1% subsample
05	6th 1% subsample
06	7th 1% subsample
07	8th 1% subsample
08	9th 1% subsample
09	10th 1% subsample
10	11th 1% subsample
11	12th 1% subsample
12	13th 1% subsample
13	14th 1% subsample
14	15th 1% subsample
15	16th 1% subsample
16	17th 1% subsample
17	18th 1% subsample
18	19th 1% subsample
19	20th 1% subsample
20	21st 1% subsample
21	22nd 1% subsample
22	23rd 1% subsample
23	24th 1% subsample
24	25th 1% subsample
25	26th 1% subsample
26	27th 1% subsample
27	28th 1% subsample
28	29th 1% subsample
29	30th 1% subsample
30	31st 1% subsample
31	32nd 1% subsample
32	33rd 1% subsample
33	34th 1% subsample
34	35th 1% subsample

35	36th 1% subsample
36	37th 1% subsample
37	38th 1% subsample
38	39th 1% subsample
39	40th 1% subsample
40	41st 1% subsample
41	42nd 1% subsample
42	43rd 1% subsample
43	44th 1% subsample
44	45th 1% subsample
45	46th 1% subsample
46	47th 1% subsample
47	48th 1% subsample
48	49th 1% subsample
49	50th 1% subsample
50	51st 1% subsample
51	52nd 1% subsample
52	53rd 1% subsample
53	54th 1% subsample
54	55th 1% subsample
55	56th 1% subsample
56	57th 1% subsample
57	58th 1% subsample
58	59th 1% subsample
59	60th 1% subsample
60	61st 1% subsample
61	62nd 1% subsample
62	63rd 1% subsample
63	64th 1% subsample
64	65th 1% subsample
65	66th 1% subsample
66	67th 1% subsample
67	68th 1% subsample
68	69th 1% subsample
69	70th 1% subsample
70	71st 1% subsample
71	72nd 1% subsample
72	73rd 1% subsample
73	74th 1% subsample

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

## description

### DEFINITION

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

## concept

### CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Technical Household Variables -- HOUSEHOLD	IPUMS

**UNREL: Number of unrelated persons****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9+

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Group Quarters Variables -- HOUSEHOLD	IPUMS

**YEAR: Year****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

## Questions and instructions

### 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

### DEFINITION

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

## AREAMOLLWGEO1: Area of GEOLEV1 unit in square kilometers

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Continuous    Decimal: 0    Width: 10    Range: -    Format: Numeric

## description

### 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

### CONCEPT

var_concept.title	Vocabulary

Geography: Global Variables -- HOUSEHOLD

IPUMS

## Imputation and derivation

### DERIVATION

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

## AREAMOLLWGEO2: Area of GEOLEV2 unit in square kilometers

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Continuous    Decimal: 0    Width: 10    Range: -    Format: Numeric

### description

#### DEFINITION

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

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

### concept

#### CONCEPT

var_concept.title	Vocabulary
Geography: Global Variables -- HOUSEHOLD	IPUMS

## Imputation and derivation

### DERIVATION

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

## GEO1\_VN: Vietnam, Province 1989 - 2019 [Level 1; consistent boundaries, GIS]

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 6    Range: -    Format: Numeric

### Questions and instructions

#### CATEGORIES

<b>Value</b>	<b>Category</b>
704001	Th nh Phố H Nội, Vĩnh Phúc, Ho Bình, Phú Thọ
704002	H Giang, Tuyên Quang
704003	Cao Bằng, Bắc Kạn, Thái Nguyên
704010	L o Cai, Điện Biên, Lai Châu, Yên Bái
704014	Sơn La
704020	Lạng Sơn
704022	Quảng Ninh
704024	Bắc Giang, Bắc Ninh
704030	Hải Dương, Hưng Yên
704031	Th nh Phố Hải Phòng
704034	Thái Bình
704035	H Nam, Nam Định, Ninh Bình
704038	Thanh Hoá
704040	Nghệ An, H Tĩnh
704044	Quảng Bình
704045	Quảng Trị
704046	Thừa Thiên Huế
704048	Th nh Phố Đ Nẵng, Quảng Nam
704051	Quảng Ngãi
704052	Bình Định
704054	Phú Yên
704056	Khánh Ho
704058	Ninh Thuận, Bình Thuận
704062	Kon Tum, Gia Lai
704066	Đắk Lắk, Đắk Nông
704068	Lâm Đồng
704070	Bình Phước, Bình Dương
704072	Tây Ninh
704075	Đồng Nai, B Rịa - Vũng T u
704079	Th nh Phố Hồ Chí Minh
704080	Long An
704082	Tiền Giang
704083	Bến Tre
704084	Tr Vinh, Vĩnh Long
704087	Đồng Tháp
704089	An Giang
704091	Kiên Giang
704092	Th nh Phố Cần Thơ, Hậu Giang, Sóc Trăng

704095

Bạc Liêu, C Mau

## description

### DEFINITION

GEO1\_VN identifies the household's province within Vietnam in all sample years. Provinces are the first level administrative units of the country. GEO1\_VN 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\_VN can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Vietnam 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

var_concept.title	Vocabulary
Geography: O-Z Variables -- HOUSEHOLD	IPUMS

## GEO1\_VN2019: Vietnam, Province 2019 [Level 1, GIS]

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category
001	Th nh Phố - City H Nội
002	H Giang
003	Cao Bằng
006	Bắc Kạn
008	Tuyên Quang
010	L o Cai
011	Điện Biên
012	Lai Châu
014	Sơn La
015	Yên Bái
017	Ho Bình
019	Thái Nguyên
020	Lạng Sơn

022	Quảng Ninh
024	Bắc Giang
025	Phú Thọ
026	Vĩnh Phúc
027	Bắc Ninh
030	Hải Dương
031	Thị trấn Phố - City Hải Phòng
033	Hưng Yên
034	Thái Bình
035	H Nam
036	Nam Định
037	Ninh Bình
038	Thanh Hoá
040	Nghệ An
042	H Tĩnh
044	Quảng Bình
045	Quảng Trị
046	Thừa Thiên Huế
048	Thị trấn Phố - City Đ Nẵng
049	Quảng Nam
051	Quảng Ngãi
052	Bình Định
054	Phú Yên
056	Khánh Ho
058	Ninh Thuận
060	Bình Thuận
062	Kon Tum
064	Gia Lai
066	Đắk Lắk
067	Đắk Nông
068	Lâm Đồng
070	Bình Phước
072	Tây Ninh
074	Bình Dương
075	Đồng Nai
077	B Rịa - Vũng T u
079	Thị trấn Phố - City Hồ Chí Minh
080	Long An
082	Tiền Giang

083	Bến Tre
084	Tr Vinh
086	Vĩnh Long
087	Đồng Tháp
089	An Giang
091	Kiên Giang
092	Th nh Phố - City Cần Thơ
093	Hậu Giang
094	Sóc Trăng
095	Bạc Liêu
096	C Mau

## description

### DEFINITION

GEO1\_VN2019 identifies the household's province within Vietnam in 2019. Provinces are the first level administrative units of the country. A GIS map (in shapefile format), corresponding to GEO1\_VN2019 can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Vietnam 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

var_concept.title	Vocabulary
Geography: O-Z Variables -- HOUSEHOLD	IPUMS

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

**Data file: VNM2019\_PHC-H-H.dat**

### Overview

Type: Continuous    Decimal: 0    Width: 6    Range: -    Format: Numeric

## description

### DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Geography: Global Variables -- HOUSEHOLD	IPUMS

**Imputation and derivation**

## DERIVATION

GEOLEV1 is a 6-digit numeric variable.

GEOLEV1 codes and labels can be found here.

Codes, labels, frequencies, and information about boundary changes for each country can be found in the country specific harmonized variable e.g. GEO1\_BR.

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

**Data file:** VNM2019\_PHC-H-H.dat

**Overview**

Type: Continuous    Decimal: 0    Width: 9    Range: -    Format: Numeric

**description**

## DEFINITION

GEOLEV2 indicates the second major administrative unit in which the household was enumerated. The variable incorporates the geographies for every country, to enable cross-national geographic analysis over time. Second administrative units in GEOLEV2 have been spatio-temporally harmonized to provide spatially consistent boundaries across samples in each country.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Geography: Global Variables -- HOUSEHOLD	IPUMS

**Imputation and derivation**

## DERIVATION

GEOLEV2 is a 9-digit numeric variable.

GEOLEV2 codes and labels can be found here.

Codes, labels, frequencies, and information about boundary changes for each country can be found in the country specific harmonized variable e.g. GEO2\_BR.

**POPDENSGEO1: Population density of GEOLEV1 unit, in persons per square kilometer****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Continuous    Decimal: 0    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

var_concept.title	Vocabulary
Geography: Global Variables -- HOUSEHOLD	IPUMS

**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:** VNM2019\_PHC-H-H.dat**Overview**

Type: Continuous    Decimal: 0    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

var_concept.title	Vocabulary
Geography: Global Variables -- HOUSEHOLD	IPUMS

## Imputation and derivation

### DERIVATION

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

## REGIONW: Continent and region of country

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Geography: Global Variables -- HOUSEHOLD	IPUMS

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## URBAN: Urban-rural status

**Data file:** VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

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### CATEGORIES

Value	Category
1	Rural
2	Urban
9	Unknown

## description

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### DEFINITION

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

## concept

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### CONCEPT

var_concept.title	Vocabulary
Geography: Global Variables -- HOUSEHOLD	IPUMS

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## ELECTRIC: Electricity

**Data file:** VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

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

### description

#### DEFINITION

ELECTRIC indicates whether the household had access to electricity.

### concept

#### CONCEPT

var_concept.title	Vocabulary
Utilities Variables -- HOUSEHOLD	IPUMS

## FUELCOOK: Cooking fuel

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    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

<b>var_concept.title</b>	<b>Vocabulary</b>
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Utilities Variables -- HOUSEHOLD

IPUMS

**GEO2\_VN: Vietnam, District 2009 - 2019 [Level 2; consistent boundaries, GIS]****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 9    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
704001001	Ba Đình
704001002	Ho n Kiếm
704001003	Tây Hồ
704001004	Long Biên
704001005	Cầu Giấy
704001006	Đống Đa
704001007	Hai B Trung
704001008	Ho ng Mai (H Nội)
704001009	Thanh Xuân
704001016	Sóc Sơn
704001017	Đông Anh
704001018	Gia Lâm
704001019	Nam Từ Liêm, Bắc Từ Liêm
704001020	Thanh Trì
704001148	Hòa Bình
704001150	Đ Bắc
704001151	Kỳ Sơn (Ho Bình)
704001152	Lương Sơn
704001153	Kim Bôi
704001154	Cao Phong
704001155	Tân Lạc
704001156	Mai Châu
704001157	Lạc Sơn
704001158	Yên Thủy
704001159	Lạc Thủy
704001227	Việt Trì
704001228	Phú Thọ

704001230	Đoan Hùng
704001231	Hạ Ho
704001232	Thanh Ba
704001233	Phù Ninh
704001234	Yên Lập
704001235	Cẩm Khê
704001236	Tam Nông (Phú Thọ)
704001237	Lâm Thao
704001238	Thanh Sơn
704001239	Thanh Thủy
704001240	Tân Sơn
704001243	Vĩnh Yên
704001244	Phúc Yên
704001246	Lập Thạch
704001247	Tam Dương
704001248	Tam Đảo
704001249	Bình Xuyên
704001250	Mê Linh
704001251	Yên Lạc
704001252	Vĩnh Tường
704001253	Sông Lô
704001268	H Đông
704001269	Sơn Tây (H Nội)
704001271	Ba Vì
704001272	Phúc Thọ
704001273	Đan Phượng
704001274	Ho i Đức
704001275	Quốc Oai
704001276	Thạch Thất
704001277	Chương Mỹ
704001278	Thanh Oai
704001279	Thường Tín
704001280	Phú Xuyên
704001281	Ứng Hòa
704001282	Mỹ Đức
704002024	H Giang
704002026	Đồng Văn
704002027	Mèo Vạc
704002028	Yên Minh

704002029	Quản Bạ
704002030	Vị Xuyên
704002031	Bắc Mê
704002032	Hoàng Su
704002033	Xín Mần
704002034	Bắc Quang
704002035	Quang Bình
704002070	Tuyên Quang
704002073	Chiêm Hóa, Lâm Bình, N Hang
704002074	Hàm Yên
704002075	Yên Sơn
704002076	Sơn Dương
704003040	Cao Bằng
704003042	Bảo Lâm (Cao Bằng)
704003043	Bảo Lạc
704003044	Thông Nông
704003045	Hàng Quảng
704003046	Trần Lĩnh
704003047	Trùng Khánh
704003048	Hạ Lang
704003049	Quảng Uyên
704003050	Phục Hồ
704003051	Ho An
704003052	Nguyên Bình
704003053	Thạch An
704003058	Bắc Kạn
704003060	Pác Nặm
704003061	Ba Bể
704003062	Ngân Sơn
704003063	Bạch Thông
704003064	Chợ Đồn
704003065	Chợ Mới (Bắc Kạn)
704003066	Na Rì
704003164	Thái Nguyên
704003165	Sông Công
704003167	Định Hóa
704003168	Phú Lương
704003169	Đồng Hỷ
704003170	Võ Nhai

704003171	Đại Từ
704003172	Phổ Yên
704003173	Phú Bình
704010080	L o Cai
704010082	Bát Xát
704010083	Mường Khương
704010084	Si Ma Cai
704010085	Bắc H
704010086	Bảo Thắng
704010087	Bảo Yên
704010088	Sa Pa
704010089	Văn B n
704010094	Điện Biên Phủ
704010098	Tủa Chùa
704010099	Tuần Giáo
704010100	Điện Biên
704010101	Điện Biên Đông
704010102	Mường Ảng
704010103	Nậm Pồ, Mường Ch , Mường Nhé, Mường Lay
704010105	Lai Châu
704010106	Tam Đường
704010108	Sìn Hồ, Mường Tè, Nậm Nhùn
704010109	Phong Thổ
704010110	Than Uyên
704010111	Tân Uyên (Lai Châu)
704010132	Yên Bái
704010133	Nghĩa Lộ
704010135	Lục Yên
704010136	Văn Yên
704010137	Mù Căng
704010138	Trấn Yên
704010139	Trạm Tấu
704010140	Văn Chấn
704010141	Yên Bình
704014116	Sơn La
704014118	Quỳnh Nhai
704014119	Thuận Châu
704014120	Mường La
704014121	Bắc Yên

704014122	Phù Yên
704014123	Mộc Châu, Vân Hồ
704014124	Yên Châu
704014125	Mai Sơn
704014126	Sông Mã
704014127	Sốp Cộp
704020178	Lạng Sơn
704020180	Trang Định
704020181	Bình Gia
704020182	Văn Lăng
704020183	Cao Lộc
704020184	Văn Quan
704020185	Bắc Sơn
704020186	Hữu Lũng
704020187	Chi Lăng
704020188	Lộc Bình
704020189	Đình Lập
704022193	Hạ Long
704022194	Móng Cái
704022195	Cẩm Phả
704022196	Uông Bí
704022198	Bình Liêu
704022199	Tiên Yên
704022200	Đầm H
704022201	Hải H
704022202	Ba Chẽ
704022203	Vân Đồn, Cô Tô
704022204	Hoành Bồ
704022205	Đông Triều
704022206	Quảng Yên
704024213	Bắc Giang
704024215	Yên Thế
704024216	Tân Yên
704024217	Lạng Giang
704024218	Lục Nam
704024219	Lục Ngạn
704024220	Sơn Động
704024221	Yên Dũng
704024222	Việt Yên

704024223	Hiệp Hòa
704024256	Bắc Ninh
704024258	Yên Phong
704024259	Quế Võ
704024260	Tiên Du
704024261	Từ Sơn
704024262	Thuận Thành
704024263	Gia Bình
704024264	Lương Tài
704030288	Hải Dương
704030290	Chí Linh
704030291	Nam Sách
704030292	Kinh Môn
704030293	Kim Thành
704030294	Thanh Hà
704030295	Cẩm Giàng
704030296	Bình Giang
704030297	Gia Lộc
704030298	Tứ Kỳ
704030299	Ninh Giang
704030300	Thanh Miện
704030323	Hưng Yên
704030325	Văn Lâm
704030326	Văn Giang
704030327	Yên Mỹ
704030328	Mỹ Hào
704030329	Ân Thi
704030330	Khoái Châu
704030331	Kim Động
704030332	Tiên Lữ
704030333	Phù Cừ
704031303	Hồng Bàng
704031304	Ngô Quyền
704031305	Lê Chân
704031306	Hải An
704031307	Kiến An
704031308	Đồ Sơn
704031309	Dương Kinh
704031311	Thủy Nguyên

704031312	An Dương
704031313	An Lão (Hải Phòng)
704031314	Kiến Thụy
704031315	Tiên Lãng
704031316	Vĩnh Bảo
704031317	Cát Hải, Bạch Long Vĩ
704034336	Thái Bình
704034338	Quỳnh Phụ
704034339	Hưng H
704034340	Đông Hưng
704034341	Thái Thụy
704034342	Tiền Hải
704034343	Kiến Xương
704034344	Vũ Thư
704035347	Phủ Lý
704035349	Duy Tiên
704035350	Kim Bảng
704035351	Thanh Liêm
704035352	Bình Lục
704035353	Lý Nhân
704035356	Nam Định
704035358	Mỹ Lộc
704035359	Vụ Bản
704035360	Ý Yên
704035361	Nghĩa Hưng
704035362	Nam Trực
704035363	Trực Ninh
704035364	Xuân Trường
704035365	Giao Thủy
704035366	Hải Hậu
704035369	Ninh Bình
704035370	Tam Điệp
704035372	Nho Quan
704035373	Gia Viễn
704035374	Hoa Lư
704035375	Yên Khánh
704035376	Kim Sơn
704035377	Yên Mô
704038380	Thanh Hóa

704038381	Bỉm Sơn
704038382	Sầm Sơn
704038384	Mường Lát
704038385	Quan Hóa
704038386	Bá Thước
704038387	Quan Sơn
704038388	Lang Chánh
704038389	Ngọc Lặc
704038390	Cẩm Thủy
704038391	Thạch Th nh
704038392	H Trung
704038393	Vĩnh Lộc
704038394	Yên Định
704038395	Thọ Xuân
704038396	Thường Xuân
704038397	Triệu Sơn
704038398	Thiệu Hóa
704038399	Hoằng Hóa
704038400	Hậu Lộc
704038401	Nga Sơn
704038402	Như Xuân
704038403	Như Thanh
704038404	Nông Cống
704038405	Đông Sơn
704038406	Quảng Xương
704038407	Tĩnh Gia
704040412	Vinh
704040413	Cửa Lò
704040414	Thái Ho
704040415	Quế Phong
704040416	Quỳ Châu
704040417	Kỳ Sơn (Nghệ An)
704040418	Tương Dương
704040419	Nghĩa Đ n
704040420	Quỳ Hợp
704040421	Quỳnh Lưu, Ho ng Mai (Nghệ An)
704040422	Con Cuông
704040423	Tân Kỳ
704040424	Anh Sơn

704040425	Diễn Châu
704040426	Yên Thành
704040427	Đô Lương
704040428	Thanh Chương
704040429	Nghi Lộc
704040430	Nam Đàn
704040431	Hung Nguyên
704040436	H Tĩnh
704040437	Hồng Lĩnh
704040439	Hương Sơn
704040440	Đức Thọ
704040441	Vũ Quang
704040442	Nghi Xuân
704040443	Cần Lộc
704040444	Hương Khê
704040445	Thạch Hà
704040446	Cẩm Xuyên
704040447	Kỳ Anh, Kỳ Anh (Thị xã)
704040448	Lộc Hà
704044450	Đồng Hới
704044452	Minh Hóa
704044453	Tuyên Hóa
704044454	Quảng Trạch, Ba Đồn
704044455	Bố Trạch
704044456	Quảng
704044457	Lệ Thủy
704045461	Đông Hà
704045462	Quảng Trị
704045464	Vĩnh Linh, Cồn Cỏ
704045465	Hướng Hóa
704045466	Gio Linh
704045467	Đa Krông
704045468	Cam Lộ
704045469	Triệu Phong
704045470	Hải Lăng
704046474	Huế
704046476	Phong Điền (Thừa Thiên Huế)
704046477	Quảng Điền
704046478	Phú Vang

704046479	Hương Thủy
704046480	Hương Tr
704046481	A Lưới
704046482	Phú Lộc
704046483	Nam Đông
704048490	Liên Chiểu
704048491	Thanh Khê
704048492	Hải Châu
704048493	Sơn Tr
704048494	Ngũ H nh Sơn
704048495	Cẩm Lệ
704048497	Hòa Vang
704048498	Ho ng Sa
704048502	Tam Kỳ
704048503	Hội An
704048504	Tây Giang
704048505	Đông Giang
704048506	Đại Lộc
704048507	Điện B n
704048508	Duy Xuyên
704048509	Quế Sơn
704048510	Nam Giang
704048511	Phước Sơn
704048512	Hiệp Đức
704048513	Thăng Bình
704048514	Tiên Phước
704048515	Bắc Tr My
704048516	Nam Tr My
704048517	Núi Th nh
704048518	Phú Ninh
704048519	Nông Sơn
704051522	Quảng Ngãi
704051524	Bình Sơn, Lý Sơn
704051525	Tr Bồng
704051526	Tây Tr
704051527	Sơn Tịnh
704051528	Tư Nghĩa
704051529	Sơn H
704051530	Sơn Tây (Quảng Ngãi)

704051532	Nghĩa H nh, Minh Long
704051533	Mộ Đức
704051534	Đức Phổ
704051535	Ba Tơ
704052540	Quy Nhơn
704052542	An Lão (Bình Định)
704052543	Ho i Nhơn
704052544	Ho i Ân
704052545	Phù Mỹ
704052546	Vĩnh Thạnh (Bình Định)
704052547	Tây Sơn
704052548	Phù Cát
704052549	An Nhơn
704052550	Tuy Phước
704052551	Vân Canh
704054555	Tuy Ho
704054557	Sông Cầu
704054558	Đông Xuân
704054559	Tuy An
704054560	Sơn Hòa
704054561	Sông Hinh
704054562	Tây Ho
704054563	Phú Ho
704054564	Đông Hòa
704056568	Nha Trang
704056569	Cam Ranh, Trường Sa
704056570	Cam Lâm
704056571	Vạn Ninh
704056572	Ninh Hòa
704056573	Khánh Vĩnh
704056574	Diên Khánh
704056575	Khánh Sơn
704058582	Phan Rang - Tháp Ch m
704058584	Bác Ái
704058585	Ninh Sơn
704058586	Ninh Hải
704058587	Ninh Phước, Thuận Nam
704058588	Thuận Bắc
704058593	Phan Thiết

704058594	La Gi
704058595	Tuy Phong
704058596	Bắc Bình
704058597	H m Thuận Bắc
704058598	H m Thuận Nam
704058599	Tánh Linh
704058600	Đức Linh
704058601	H m Tân
704058602	Phú Quí
704062608	Kon Tum
704062610	Đắk Glei
704062611	Ngọc Hồi
704062612	Đắk Tô
704062613	Kon Plông
704062614	Kon Rẫy
704062615	Đắk H
704062616	Sa Thầy, Ia H' Drai
704062617	Tu Mơ Rông
704062622	Pleiku
704062623	An Khê
704062624	Ayun Pa
704062625	KBang
704062626	Đắk Đoa
704062628	Ia Grai
704062629	Mang Yang
704062630	Kông Chro
704062631	Đức Cơ
704062632	Chư Prông
704062633	Chư Sê, Chư Puh
704062634	Đắk Pơ
704062635	Ia Pa
704062637	Krông Pa
704062638	Phú Thiện
704062639	Chư Păh
704066643	Buôn Ma Thuột
704066645	Ea H'leo
704066646	Ea Súp
704066647	Buôn Đôn
704066648	Cư M'gar

704066649	Krông Búk, Buôn Hồ
704066650	Krông Năng
704066651	Ea Kar
704066652	M'Đrắk
704066653	Krông Bông
704066654	Krông Pắc
704066655	Krông A Na
704066656	Lắk
704066657	Cư Kuin
704066660	Gia Nghĩa
704066661	Đắk Glong
704066662	Cư Jút
704066663	Đắk Mil
704066664	Krông Nô
704066665	Đắk Song
704066666	Đắk R'Lấp
704066667	Tuy Đức
704068672	Đ Lạt
704068673	Bảo Lộc
704068674	Đam Rông
704068675	Lạc Dương
704068676	Lâm H
704068677	Đơn Dương
704068678	Đức Trọng
704068679	Linh
704068680	Bảo Lâm (Lâm Đồng)
704068681	Đạ Huoai
704068682	Đạ Tẻh
704068683	Cát Tiên
704070689	Đồng Xo i
704070692	Lộc Ninh
704070693	Bù Đốp
704070694	Hớn Quản, Bình Long
704070695	Đồng Phú
704070696	Bù Đăng
704070697	Chơn Th nh
704070698	Phú Riềng, Bù Gia Mập, Phước Long (Bình Phước)
704070718	Thủ Dầu Một
704070720	Dầu Tiếng

704070721	Bến Cát, B u B ng
704070722	Phú Giáo
704070723	Tân Uyên (Bình Dương), Bắc Tân Uyên
704070724	Dĩ An
704070725	Thuận An
704072703	Tây Ninh
704072705	Tân Biên
704072706	Tân Châu (Tây Ninh)
704072707	Dương Minh Châu
704072708	Châu Th nh (Tây Ninh)
704072709	Hòa Th nh
704072710	Gò Dầu
704072711	Bến Cầu
704072712	Trảng B ng
704075731	Biên Hòa
704075732	Long Khánh
704075734	Tân Phú (Đồng Nai)
704075735	Vĩnh Cửu
704075736	Định Quán
704075737	Trảng Bom
704075738	Thống Nhất
704075739	Cẩm Mỹ
704075740	Long Th nh
704075741	Xuân Lộc
704075742	Nhơn Trạch
704075747	Vũng T u, Côn Đảo
704075748	B Rịa
704075750	Châu Đức
704075751	Xuyên Mộc
704075752	Long Điền
704075753	Đất Đỏ
704075754	Phú Mỹ
704079760	Quận 1
704079761	Quận 12
704079762	Thủ Đức
704079763	Quận 9
704079764	Gò Vấp
704079765	Bình Thạnh
704079766	Tân Bình

704079767	Tân Phú (Hồ Chí Minh)
704079768	Phú Nhuận
704079769	Quận 2
704079770	Quận 3
704079771	Quận 10
704079772	Quận 11
704079773	Quận 4
704079774	Quận 5
704079775	Quận 6
704079776	Quận 8
704079777	Bình Tân (Hồ Chí Minh)
704079778	Quận 7
704079783	Củ Chi
704079784	Hóc Môn
704079785	Bình Chánh
704079786	Nh Bè
704079787	Cần Giờ
704080794	Tân An
704080795	Kiến Tường, Mộc Hóa
704080796	Tân Hưng
704080797	Vĩnh Hưng
704080799	Tân Thạnh
704080800	Thạnh Hóa
704080801	Đức Huệ
704080802	Đức Hòa
704080803	Bến Lức
704080804	Thủ Thừa
704080805	Tân Trụ
704080806	Cần Đước
704080807	Cần Giuộc
704080808	Châu Thành (Long An)
704082815	Mỹ Tho
704082816	Gò Công
704082818	Tân Phước
704082819	Cái Bè
704082820	Cai Lậy, Cai Lậy (Thị xã)
704082821	Châu Thành (Tiền Giang)
704082822	Chợ Gạo
704082823	Gò Công Tây

704082824	Gò Công Đông
704082825	Tân Phú Đông
704083829	Bến Tre
704083831	Châu Thành (Bến Tre)
704083832	Chợ Lách
704083833	Mỏ Cày Nam, Mỏ Cày Bắc
704083834	Giồng Trôm
704083835	Bình Đại
704083836	Ba Tri
704083837	Thạnh Phú
704084842	Tr Vinh
704084844	Công Long
704084845	Cầu Kè
704084846	Tiểu Cần
704084847	Châu Thành (Tr Vinh)
704084848	Cầu Ngang
704084849	Tr Cú
704084850	Duyên Hải, Duyên Hải (Thị xã)
704084855	Vĩnh Long
704084857	Long Hồ
704084858	Mang Thít
704084859	Vũng Liêm
704084860	Tam Bình
704084861	Bình Minh
704084862	Tr Ôn
704084863	Bình Tân (Vĩnh Long)
704087866	Cao Lãnh
704087867	Sa Đéc
704087869	Tân Hồng
704087870	Hồng Ngự, Hồng Ngự (Thị xã)
704087871	Tam Nông (Đồng Tháp)
704087872	Tháp Mười
704087873	Cao Lãnh (Thị xã)
704087874	Thanh Bình
704087875	Lấp Vò
704087876	Lai Vung
704087877	Châu Thành (Đồng Tháp)
704089883	Long Xuyên
704089884	Châu Đốc

704089886	An Phú
704089887	Tân Châu (An Giang)
704089888	Phú Tân (An Giang)
704089889	Châu Phú
704089890	Tịnh Biên
704089891	Tri Tôn
704089892	Châu Th nh (An Giang)
704089893	Chợ Mới (An Giang)
704089894	Thoại Sơn
704091899	Rạch Giá
704091900	H Tiên
704091902	Kiên Lương, Giang Th nh
704091903	Hòn Đất
704091904	Tân Hiệp
704091905	Châu Th nh (Kiên Giang)
704091906	Giồng Riềng
704091907	Gò Quao
704091908	An Biên
704091909	An Minh
704091910	Vĩnh Thuận
704091911	Phú Quốc, Kiên Hải
704091913	U Minh Thượng
704092916	Ninh Kiều
704092917	Ô Môn
704092918	Bình Thủy
704092919	Cái Răng
704092923	Thốt Nốt
704092924	Vĩnh Thạnh (Cần Thơ)
704092925	Cờ Đỏ
704092926	Phong Điền (Cần Thơ)
704092927	Thới Lai
704092930	Vị Thanh
704092931	Ngã Bảy
704092932	Châu Th nh A
704092933	Châu Th nh (Hậu Giang)
704092934	Phụng Hiệp
704092935	Vị Thủy
704092936	Long Mỹ, Long Mỹ (Thị xã)
704092941	Sóc Trăng

704092942	Châu Thành (Sóc Trăng)
704092943	Kế Sách
704092944	Mỹ Tú
704092945	Cù Lao Dung
704092947	Mỹ Xuyên, Long Phú, Trần Đề
704092948	Ngã Năm
704092949	Thạnh Trị
704092950	Vĩnh Châu
704095954	Bạc Liêu
704095956	Hồng Dân
704095957	Phước Long
704095958	Vĩnh Lợi
704095959	Giá Rai
704095960	Đông Hải
704095961	Ho Bình
704095964	C Mau
704095966	U Minh
704095967	Thới Bình
704095968	Trần Văn Thời
704095969	Cái Nước
704095970	Đầm Dơi
704095971	Năm Căn
704095972	Phú Tân (C Mau)
704095973	Ngọc Hiển

## description

### DEFINITION

GEO2\_VN identifies the household's district within Vietnam from 2009 to 2019. Districts are the second level administrative units of the country, after provinces. A GIS map (in shapefile format), corresponding to GEO2\_VN can be downloaded from the GIS Boundary files page in the IPUMS International web site

The full set of geography variables for Vietnam 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

var_concept.title	Vocabulary
Geography: O-Z Variables -- HOUSEHOLD	IPUMS

**GEO2\_VN2019: Vietnam, District 2019 [Level 2, GIS]****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 6    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

<b>Value</b>	<b>Category</b>
001001	Ba Đình
001002	Ho n Kiếm
001003	Tây Hồ
001004	Long Biên
001005	Cầu Giấy
001006	Đống Đa
001007	Hai B Trung
001008	Ho ng Mai (H Nội)
001009	Thanh Xuân
001016	Sóc Sơn
001017	Đông Anh
001018	Gia Lâm
001019	Nam Từ Liêm
001020	Thanh Trì
001021	Bắc Từ Liêm
001250	Mê Linh
001268	H Đông
001269	Sơn Tây (H Nội)
001271	Ba Vì
001272	Phúc Thọ
001273	Đan Phượng
001274	Ho i Đức
001275	Quốc Oai
001276	Thạch Thất
001277	Chương Mỹ
001278	Thanh Oai
001279	Thường Tín
001280	Phú Xuyên
001281	Ứng Hòa
001282	Mỹ Đức

002024	H Giang
002026	Đồng Văn
002027	Mèo Vạc
002028	Yên Minh
002029	Quản Bạ
002030	Vị Xuyên
002031	Bắc Mê
002032	Hoàng Su
002033	Xín Mần
002034	Bắc Quang
002035	Quang Bình
003040	Cao Bằng
003042	Bảo Lâm (Cao Bằng)
003043	Bảo Lạc
003044	Thông Nông
003045	H Quảng
003046	Tr Lĩnh
003047	Trùng Khánh
003048	Hạ Lang
003049	Quảng Uyên
003050	Phục Hồ
003051	Ho An
003052	Nguyên Bình
003053	Thạch An
006058	Bắc Kạn
006060	Pác Nặm
006061	Ba Bể
006062	Ngân Sơn
006063	Bạch Thông
006064	Chợ Đồn
006065	Chợ Mới (Bắc Kạn)
006066	Na Rì
008070	Tuyên Quang
008071	Lâm Bình
008072	N Hang
008073	Chiêm Hóa
008074	Hàm Yên
008075	Yên Sơn
008076	Sơn Dương

010080	L o Cai
010082	Bát Xát
010083	Mường Khương
010084	Si Ma Cai
010085	Bắc H
010086	Bảo Thắng
010087	Bảo Yên
010088	Sa Pa
010089	Văn B n
011094	Điện Biên Phủ
011096	Mường Nhé
011097	Mường Ch , Mường Lay
011098	Tủa Chùa
011099	Tuần Giáo
011100	Điện Biên
011101	Điện Biên Đông
011102	Mường Ảng
011103	Nậm Pồ
012105	Lai Châu
012106	Tam Đường
012107	Mường Tè
012108	Sìn Hồ
012109	Phong Thổ
012110	Than Uyên
012111	Tân Uyên (Lai Châu)
012112	Nậm Nhùn
014116	Sơn La
014118	Quỳnh Nhai
014119	Thuận Châu
014120	Mường La
014121	Bắc Yên
014122	Phù Yên
014123	Mộc Châu
014124	Yên Châu
014125	Mai Sơn
014126	Sông Mã
014127	Sốp Cộp
014128	Vân Hồ
015132	Yên Bái

015133	Nghĩa Lộ
015135	Lục Yên
015136	Văn Yên
015137	Mù Cang
015138	Trấn Yên
015139	Trạm Tấu
015140	Văn Chấn
015141	Yên Bình
017148	Hòa Bình
017150	Đ Bắc
017151	Kỳ Sơn (Ho Bình)
017152	Lương Sơn
017153	Kim Bôi
017154	Cao Phong
017155	Tân Lạc
017156	Mai Châu
017157	Lạc Sơn
017158	Yên Thủy
017159	Lạc Thủy
019164	Thái Nguyên
019165	Sông Công
019167	Định Hóa
019168	Phú Lương
019169	Đồng Hỷ
019170	Võ Nhai
019171	Đại Từ
019172	Phổ Yên
019173	Phú Bình
020178	Lạng Sơn
020180	Tr ng Định
020181	Bình Gia
020182	Văn Lãng
020183	Cao Lộc
020184	Văn Quan
020185	Bắc Sơn
020186	Hữu Lũng
020187	Chi Lãng
020188	Lộc Bình
020189	Đình Lập

022193	Hạ Long
022194	Móng Cái
022195	Cẩm Phả
022196	Uông Bí
022198	Bình Liêu
022199	Tiên Yên
022200	Đầm H
022201	Hải H
022202	Ba Chẽ
022203	Vân Đồn, Cô Tô
022204	Ho nh Bồ
022205	Đông Triều
022206	Quảng Yên
024213	Bắc Giang
024215	Yên Thế
024216	Tân Yên
024217	Lạng Giang
024218	Lục Nam
024219	Lục Ngạn
024220	Sơn Động
024221	Yên Dũng
024222	Việt Yên
024223	Hiệp Hòa
025227	Việt Trì
025228	Phú Thọ
025230	Đoan Hùng
025231	Hạ Ho
025232	Thanh Ba
025233	Phù Ninh
025234	Yên Lập
025235	Cẩm Khê
025236	Tam Nông (Phú Thọ)
025237	Lâm Thao
025238	Thanh Sơn
025239	Thanh Thủy
025240	Tân Sơn
026243	Vĩnh Yên
026244	Phúc Yên
026246	Lập Thạch

026247	Tam Dương
026248	Tam Đảo
026249	Bình Xuyên
026251	Yên Lạc
026252	Vĩnh Tường
026253	Sông Lô
027256	Bắc Ninh
027258	Yên Phong
027259	Quế Võ
027260	Tiên Du
027261	Từ Sơn
027262	Thuận Thành
027263	Gia Bình
027264	Lương Tài
030288	Hải Dương
030290	Chí Linh
030291	Nam Sách
030292	Kinh Môn
030293	Kim Thành
030294	Thanh Hà
030295	Cẩm Giàng
030296	Bình Giang
030297	Gia Lộc
030298	Tứ Kỳ
030299	Ninh Giang
030300	Thanh Miện
031303	Hồng Bàng
031304	Ngô Quyền
031305	Lê Chân
031306	Hải An
031307	Kiến An
031308	Đồ Sơn
031309	Dương Kinh
031311	Thủy Nguyên
031312	An Dương
031313	An Lão (Hải Phòng)
031314	Kiến Thụy
031315	Tiên Lãng
031316	Vĩnh Bảo

031317	Cát Hải, Bạch Long Vĩ
033323	Hung Yên
033325	Văn Lâm
033326	Văn Giang
033327	Yên Mỹ
033328	Mỹ H o
033329	Ân Thi
033330	Khoái Châu
033331	Kim Động
033332	Tiên Lữ
033333	Phù Cừ
034336	Thái Bình
034338	Quỳnh Phụ
034339	Hung H
034340	Đông Hưng
034341	Thái Thụy
034342	Tiền Hải
034343	Kiến Xương
034344	Vũ Thư
035347	Phủ Lý
035349	Duy Tiên
035350	Kim Bảng
035351	Thanh Liêm
035352	Bình Lục
035353	Lý Nhân
036356	Nam Định
036358	Mỹ Lộc
036359	Vụ Bản
036360	Ý Yên
036361	Nghĩa Hưng
036362	Nam Trực
036363	Trực Ninh
036364	Xuân Trường
036365	Giao Thủy
036366	Hải Hậu
037369	Ninh Bình
037370	Tam Điệp
037372	Nho Quan
037373	Gia Viễn

037374	Hoa Lư
037375	Yên Khánh
037376	Kim Sơn
037377	Yên Mô
038380	Thanh Hóa
038381	Bỉm Sơn
038382	Sầm Sơn
038384	Mường Lát
038385	Quan Hóa
038386	Bá Thước
038387	Quan Sơn
038388	Lang Chánh
038389	Ngọc Lặc
038390	Cẩm Thủy
038391	Thạch Th nh
038392	H Trung
038393	Vĩnh Lộc
038394	Yên Định
038395	Thọ Xuân
038396	Thường Xuân
038397	Triệu Sơn
038398	Thiệu Hóa
038399	Hoằng Hóa
038400	Hậu Lộc
038401	Nga Sơn
038402	Như Xuân
038403	Như Thanh
038404	Nông Cống
038405	Đông Sơn
038406	Quảng Xương
038407	Tĩnh Gia
040412	Vinh
040413	Cửa Lò
040414	Thái Ho
040415	Quế Phong
040416	Quỳ Châu
040417	Kỳ Sơn (Nghệ An)
040418	Tương Dương
040419	Nghĩa Đ n

040420	Quỳ Hợp
040421	Quỳnh Lưu
040422	Con Cuông
040423	Tân Kỳ
040424	Anh Sơn
040425	Diễn Châu
040426	Yên Thành
040427	Đô Lương
040428	Thanh Chương
040429	Nghi Lộc
040430	Nam Đàn
040431	Hung Nguyên
040432	Hồng Mai (Nghệ An)
042436	H Tĩnh
042437	Hồng Lĩnh
042439	Hương Sơn
042440	Đức Thọ
042441	Vũ Quang
042442	Nghi Xuân
042443	Cán Lộc
042444	Hương Khê
042445	Thạch Hà
042446	Cẩm Xuyên
042447	Kỳ Anh
042448	Lộc Hà
042449	Kỳ Anh (Thị xã)
044450	Đồng Hới
044452	Minh Hóa
044453	Tuyên Hóa
044454	Quảng Trạch
044455	Bố Trạch
044456	Quảng
044457	Lệ Thủy
044458	Ba Đồn
045461	Đông Hà
045462	Quảng Trị
045464	Vĩnh Linh, Cồn Cỏ
045465	Hương Hóa
045466	Gio Linh

045467	Đa Krông
045468	Cam Lộ
045469	Triệu Phong
045470	Hải Lăng
046474	Huế
046476	Phong Điền (Thừa Thiên Huế)
046477	Quảng Điền
046478	Phú Vang
046479	Hương Thủy
046480	Hương Tr
046481	A Lưới
046482	Phú Lộc
046483	Nam Đông
048490	Liên Chiểu
048491	Thanh Khê
048492	Hải Châu
048493	Sơn Tr
048494	Ngũ H nh Sơn
048495	Cẩm Lệ
048497	Hòa Vang
048498	Ho ng Sa
049502	Tam Kỳ
049503	Hội An
049504	Tây Giang
049505	Đông Giang
049506	Đại Lộc
049507	Điện B n
049508	Duy Xuyên
049509	Quế Sơn
049510	Nam Giang
049511	Phước Sơn
049512	Hiệp Đức
049513	Thăng Bình
049514	Tiên Phước
049515	Bắc Tr My
049516	Nam Tr My
049517	Núi Th nh
049518	Phú Ninh
049519	Nông Sơn

051522	Quảng Ngãi
051524	Bình Sơn, Lý Sơn
051525	Tr Bồng
051526	Tây Tr
051527	Sơn Tịnh
051528	Tư Nghĩa
051529	Sơn H
051530	Sơn Tây (Quảng Ngãi)
051532	Nghĩa H nh, Minh Long
051533	Mộ Đức
051534	Đức Phổ
051535	Ba Tơ
052540	Quy Nhơn
052542	An Lão (Bình Định)
052543	Ho i Nhơn
052544	Ho i Ân
052545	Phù Mỹ
052546	Vĩnh Thạnh (Bình Định)
052547	Tây Sơn
052548	Phù Cát
052549	An Nhơn
052550	Tuy Phước
052551	Vân Canh
054555	Tuy Ho
054557	Sông Cầu
054558	Đồng Xuân
054559	Tuy An
054560	Sơn Hòa
054561	Sông Hinh
054562	Tây Ho
054563	Phú Ho
054564	Đông Hòa
056568	Nha Trang
056569	Cam Ranh, Trường Sa
056570	Cam Lâm
056571	Vạn Ninh
056572	Ninh Hòa
056573	Khánh Vĩnh
056574	Diên Khánh

056575	Khánh Sơn
058582	Phan Rang - Tháp Chàm
058584	Bác Ái
058585	Ninh Sơn
058586	Ninh Hải
058587	Ninh Phước
058588	Thuận Bắc
058589	Thuận Nam
060593	Phan Thiết
060594	La Gi
060595	Tuy Phong
060596	Bắc Bình
060597	Huyện Thuận Bắc
060598	Huyện Thuận Nam
060599	Tánh Linh
060600	Đức Linh
060601	Huyện Tân
060602	Phước Quý
062608	Kon Tum
062610	Đắk Glei
062611	Ngọc Hồi
062612	Đắk Tô
062613	Kon Plông
062614	Kon Rẫy
062615	Đắk Hà
062616	Sa Thầy, Ia H' Drai
062617	Tu Mơ Rông
064622	Pleiku
064623	An Khê
064624	Ayun Pa
064625	KBang
064626	Đắk Đoa
064627	Chư Păh
064628	Ia Grai
064629	Mang Yang
064630	Kông Chro
064631	Đức Cơ
064632	Chư Prông
064633	Chư Sê

064634	Đăk Pơ
064635	la Pa
064637	Krông Pa
064638	Phú Thiện
064639	Chư Pưh
066643	Buôn Ma Thuột
066644	Buôn Hồ
066645	Ea H'leo
066646	Ea Súp
066647	Buôn Đôn
066648	Cư M'gar
066649	Krông Búk
066650	Krông Năng
066651	Ea Kar
066652	M'Đrăk
066653	Krông Bông
066654	Krông Pắc
066655	Krông A Na
066656	Lắk
066657	Cư Kuin
067660	Gia Nghĩa
067661	Đăk Glong
067662	Cư Jút
067663	Đăk Mil
067664	Krông Nô
067665	Đăk Song
067666	Đăk R'Lấp
067667	Tuy Đức
068672	Đ Lạt
068673	Bảo Lộc
068674	Đam Rông
068675	Lạc Dương
068676	Lâm H
068677	Đơn Dương
068678	Đức Trọng
068679	Linh
068680	Bảo Lâm (Lâm Đồng)
068681	Đạ Huoai
068682	Đạ Tẻh

068683	Cát Tiên
070688	Phước Long (Bình Phước)
070689	Đồng Xoài
070690	Bình Long
070691	Bù Gia Mập
070692	Lộc Ninh
070693	Bù Đốp
070694	Hớn Quản
070695	Đồng Phú
070696	Bù Đăng
070697	Chơn Thành
070698	Phú Riềng
072703	Tây Ninh
072705	Tân Biên
072706	Tân Châu (Tây Ninh)
072707	Dương Minh Châu
072708	Châu Thành (Tây Ninh)
072709	Hòa Thành
072710	Gò Dầu
072711	Bến Cầu
072712	Trảng Bàng
074718	Thủ Dầu Một
074719	Bàu Bàng
074720	Dầu Tiếng
074721	Bến Cát
074722	Phú Giáo
074723	Tân Uyên (Bình Dương)
074724	Dĩ An
074725	Thuận An
074726	Bắc Tân Uyên
075731	Biên Hòa
075732	Long Khánh
075734	Tân Phú (Đồng Nai)
075735	Vĩnh Cửu
075736	Định Quán
075737	Trảng Bom
075738	Thống Nhất
075739	Cẩm Mỹ
075740	Long Thành

075741	Xuân Lộc
075742	Nhơn Trạch
077747	Vũng T u, Côn Đảo
077748	B Rịa
077750	Châu Đức
077751	Xuyên Mộc
077752	Long Điền
077753	Đất Đỏ
077754	Phú Mỹ
079760	Quận 1
079761	Quận 12
079762	Thủ Đức
079763	Quận 9
079764	Gò Vấp
079765	Bình Thạnh
079766	Tân Bình
079767	Tân Phú (Hồ Chí Minh)
079768	Phú Nhuận
079769	Quận 2
079770	Quận 3
079771	Quận 10
079772	Quận 11
079773	Quận 4
079774	Quận 5
079775	Quận 6
079776	Quận 8
079777	Bình Tân (Hồ Chí Minh)
079778	Quận 7
079783	Củ Chi
079784	Hóc Môn
079785	Bình Chánh
079786	Nh Bè
079787	Cần Giờ
080794	Tân An
080795	Kiến Tường
080796	Tân Hưng
080797	Vĩnh Hưng
080798	Mộc Hóa
080799	Tân Thạnh

080800	Thạnh Hóa
080801	Đức Huệ
080802	Đức Hòa
080803	Bến Lức
080804	Thủ Thừa
080805	Tân Trụ
080806	Cần Đước
080807	Cần Giuộc
080808	Châu Thành (Long An)
082815	Mỹ Tho
082816	Gò Công
082817	Cai Lậy (Thị xã)
082818	Tân Phước
082819	Cái Bè
082820	Cai Lậy
082821	Châu Thành (Tiền Giang)
082822	Chợ Gạo
082823	Gò Công Tây
082824	Gò Công Đông
082825	Tân Phú Đông
083829	Bến Tre
083831	Châu Thành (Bến Tre)
083832	Chợ Lách
083833	Mỏ C y Nam
083834	Giồng Trôm
083835	Bình Đại
083836	Ba Tri
083837	Thạnh Phú
083838	Mỏ C y Bắc
084842	Tr Vinh
084844	C ng Long
084845	Cầu Kè
084846	Tiểu Cần
084847	Châu Thành (Tr Vinh)
084848	Cầu Ngang
084849	Tr Cú
084850	Duyên Hải
084851	Duyên Hải (Thị xã)
086855	Vĩnh Long

086857	Long Hồ
086858	Mang Thít
086859	Vũng Liêm
086860	Tam Bình
086861	Bình Minh
086862	Tr Ôn
086863	Bình Tân (Vĩnh Long)
087866	Cao Lãnh
087867	Sa Đéc
087868	Hồng Ngự (Thị xã)
087869	Tân Hồng
087870	Hồng Ngự
087871	Tam Nông (Đồng Tháp)
087872	Tháp Mười
087873	Cao Lãnh (Thị xã)
087874	Thanh Bình
087875	Lấp Vò
087876	Lai Vung
087877	Châu Thành (Đồng Tháp)
089883	Long Xuyên
089884	Châu Đốc
089886	An Phú
089887	Tân Châu (An Giang)
089888	Phú Tân (An Giang)
089889	Châu Phú
089890	Tịnh Biên
089891	Tri Tôn
089892	Châu Thành (An Giang)
089893	Chợ Mới (An Giang)
089894	Thoại Sơn
091899	Rạch Giá
091900	H Tiên
091902	Kiên Lương
091903	Hòn Đất
091904	Tân Hiệp
091905	Châu Thành (Kiên Giang)
091906	Giồng Riềng
091907	Gò Quao
091908	An Biên

091909	An Minh
091910	Vĩnh Thuận
091911	Phú Quốc, Kiên Hải
091913	U Minh Thượng
091914	Giang Th nh
092916	Ninh Kiều
092917	Ô Môn
092918	Bình Thủy
092919	Cái Răng
092923	Thốt Nốt
092924	Vĩnh Thạnh (Cần Thơ)
092925	Cờ Đỏ
092926	Phong Điền (Cần Thơ)
092927	Thới Lai
093930	Vị Thanh
093931	Ngã Bảy
093932	Châu Th nh A
093933	Châu Th nh (Hậu Giang)
093934	Phụng Hiệp
093935	Vị Thủy
093936	Long Mỹ
093937	Long Mỹ (Thị xã)
094941	Sóc Trăng
094942	Châu Th nh (Sóc Trăng)
094943	Kế Sách
094944	Mỹ Tú
094945	Cù Lao Dung
094946	Long Phú
094947	Mỹ Xuyên
094948	Ngã Năm
094949	Thạnh Trị
094950	Vĩnh Châu
094951	Trần Đề
095954	Bạc Liêu
095956	Hồng Dân
095957	Phước Long
095958	Vĩnh Lợi
095959	Giá Rai
095960	Đông Hải

095961	Ho Bình
096964	C Mau
096966	U Minh
096967	Thới Bình
096968	Trần Văn Thời
096969	Cái Nước
096970	Đầm Dơi
096971	Năm Căn
096972	Phú Tân (C Mau)
096973	Ngọc Hiển

## description

### DEFINITION

GEO2\_VN2019 identifies the household's district within Vietnam in 2019. Districts are the second level administrative units of the country, after provinces. A GIS map (in shapefile format), corresponding to GEO2\_VN2019 can be downloaded from the GIS Boundary files page in the IPUMS International web site

The full set of geography variables for Vietnam 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

var_concept.title	Vocabulary
Geography: O-Z Variables -- HOUSEHOLD	IPUMS

## OWNERSHIP: Ownership of dwelling [general version]

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Household Economic Variables -- HOUSEHOLD	IPUMS

## OWNERSHIPD: Ownership of dwelling [detailed version]

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Household Economic Variables -- HOUSEHOLD	IPUMS

## PHONE: Telephone availability

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Utilities Variables -- HOUSEHOLD	IPUMS

## REGNVN: Vietnam, Region

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
1	Red River Delta

2	Northeast
3	Northwest
4	North Central
5	Central Coast
6	Central Highlands
7	Southeast
8	Mekong River Delta

## description

### DEFINITION

REGNVN identifies the region within Vietnam in which the household was enumerated. It is the largest-scale geographic identifier available in the Vietnam samples. REGNVN is harmonized solely based on the names of the geographical unit. It does not take into account the changes that may have occurred in the political boundaries of the units.

The full set of geography variables for Vietnam 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

var_concept.title	Vocabulary
Geography: O-Z Variables -- HOUSEHOLD	IPUMS

## SEWAGE: Sewage

**Data file:** VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

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

## description

---

### DEFINITION

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

## concept

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### CONCEPT

var_concept.title	Vocabulary
Utilities Variables -- HOUSEHOLD	IPUMS

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## WATSUP: Water supply

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

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### 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

<b>var_concept.title</b>	<b>Vocabulary</b>
Utilities Variables -- HOUSEHOLD	IPUMS

**AIRCON: Air conditioning****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

<b>var_concept.title</b>	<b>Vocabulary</b>
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**AUTOS: Automobiles available****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**BEDROOMS: Number of bedrooms****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    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

#### CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

**COMPUTER: Computer****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

COMPUTER indicates whether the household had a personal computer.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**HOTWATER: Hot water heater****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

HOTWATER indicates whether the housing unit had a water heater.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**RADIO: Radio in household**

Data file: VNM2019\_PHC-H-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

RADIO indicates whether the household had a radio.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**REFRIG: Refrigerator**

Data file: VNM2019\_PHC-H-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

REFRIG indicates whether the household had a refrigerator.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**TOILET: Toilet****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

## TV: Television set

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

## WASHER: Clothes washing machine

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
-------------------	------------

Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD

IPUMS

**AGESTRUCT1: Age of structure****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
000	Less than 1 year old
001	1 year
002	2 years
003	3
004	4
005	5
006	6
007	7
008	8
009	9
010	10
011	11
012	12
013	13
014	14
015	15
016	16
017	17
018	18
019	19
020	20
021	21
022	22
023	23
024	24
025	25
026	26

027	27
028	28
029	29
030	30
031	31
032	32
033	33
034	34
035	35
036	36
037	37
038	38
039	39
040	40
041	41
042	42
043	43
044	44
045	45
046	46
047	47
048	48
049	49
050	50
051	51
052	52
053	53
054	54
055	55
056	56
057	57
058	58
059	59
060	60
061	61
062	62
063	63
064	64
065	65

066	66
067	67
068	68
069	69
070	70
071	71
072	72
073	73
074	74
075	75
076	76
077	77
078	78
079	79
080	80
081	81
082	82
083	83
084	84
085	85
086	86
087	87
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190	190
191	191
192	192
193	193
194	194
195	195
196	196
197	197
198	198
199	199
200	200+
997	Under construction
998	Unknown
999	NIU (not in universe)

## description

### DEFINITION

AGESTRUCT1 reports the estimated age of the structure in which the household resided.

## concept

### CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

## AGESTRUCT2: Age of structure, coded from intervals

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

<b>Value</b>	<b>Category</b>
000	Less than 1 year old
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
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049	49
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051	51
052	52
053	53
054	54
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062	62
063	63
064	64
065	65
066	66
067	67
068	68
069	69
070	70
071	71
072	72
073	73

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075	75
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112	112

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191	191
192	192
193	193
194	194
195	195
196	196
197	197
198	198
199	199
200	200+
997	Under construction
998	Unknown
999	NIU (not in universe)

## description

### DEFINITION

AGESTRUCT2 gives the estimated age of the structure.

## concept

### CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

## BUILTYR: Year structure was built

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0000	NIU (not in universe)
1870	1870 or earlier
1871	1871
1872	1872
1873	1873

1874	1874
1875	1875
1876	1876
1877	1877
1878	1878
1879	1879
1880	1880
1881	1881
1882	1882
1883	1883
1884	1884
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2007	2007
2008	2008
2009	2009
2010	2010
2011	2011
2012	2012
2013	2013
2014	2014
2015	2015
2016	2016
2017	2017
2018	2018
2019	2019
2020	2020
9998	Under construction
9999	Unknown

## description

---

### DEFINITION

BUILTYR indicates the year in which construction was completed on the building in which the household resides.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

**HEADLOC: Head's location in household****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Continuous    Decimal: 0    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

var_concept.title	Vocabulary
Constructed Household Variables -- HOUSEHOLD	IPUMS

**Imputation and derivation**

## DERIVATION

HEADLOC is a 3-digit numeric variable.

**HHTYPE: Household classification****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Constructed Household Variables -- HOUSEHOLD	IPUMS

## LIVEAREA: Living area in square meters

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Continuous    Decimal: 0    Width: 4    Range: -    Format: Numeric

## description

### DEFINITION

LIVEAREA describes the total living area in the dwelling inhabited by the household.

## concept

### CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

## Imputation and derivation

### DERIVATION

LIVEAREA is a 3-digit numeric variable.

Codes000 = NIU (not in universe)

999 = Unknown

Top codes: Unless otherwise specified: 998+

Austria 1991-2001: 150+

Belarus 1999: 201+

Belarus 2009: 250+

Germany 1987: 361+

Hungary 2001: 260+

Hungary 2011: 301+

Iran 2006: 501+

Italy 2001: 150+

Italy 2011: 145+

Laos 2005: 200+

Philippines 1990-2010: 200+

Poland 2002: 200+

Romania 2002: 221+

Romania 2011: 500+

Slovenia 2002: 101+

Spain 1991: 181+

Spain 2001-2011: 900+

Switzerland 1980-1990: 400+

Switzerland 2000: 500+

## NCOUPLES: Number of married couples in household

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Constructed Household Variables -- HOUSEHOLD	IPUMS

## NFAMS: Number of families in household

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Constructed Household Variables -- HOUSEHOLD	IPUMS

## NFATHERS: Number of fathers in household

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Constructed Household Variables -- HOUSEHOLD	IPUMS

## NMOTHERS: Number of mothers in household

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Constructed Household Variables -- HOUSEHOLD	IPUMS

## VN2019A\_BEDROOMS: Number of bedrooms

Data file: VNM2019\_PHC-H-H.dat

## Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 3. Information on housing

53. Is the dwelling or flat of your household the apartment building, the single detached house?

How many separated bedrooms does this dwelling or flat have?

1 Apartment building    2 Single detached house    No of separate bedroom

### CATEGORIES

Value	Category
00	0
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
98	Unknown
99	NIU (not in the universe)

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 53: Is the house/apartment that your household is living in a condominium or a discrete house? How many separate bedrooms does this house/apartment have?  
- Separate bedroom: A room that is fully partitioned or occluded, creating a separated space from other rooms with fixed walls and partitions, having walls at least 2.1 m high and a minimum floor space of 4 m<sup>2</sup>, used to sleep. Spaces that are occluded or partitioned using portable/adjustable screens or furniture,...used for sleeping, do not count as bedrooms.  
Note: The bedroom needs to meet 3 criteria: it has fixed surrounding partitions; walls of at least 2.1 m high; minimum floor space of 4 m<sup>2</sup> (with or without doors/frames).

## description

### UNIVERSE

Vietnam 2019: Households not sharing dwelling or representative household sharing dwelling with other households  
[discrepancies: type I none; type II trace]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

**VN2019A\_BLDTYPE: Type of building****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

&lt;span class="em"&gt;Part 3. Information on housing&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;53. Is the dwelling or flat of your household the apartment building, the single detached house?

&lt;br /&gt;How many separated bedrooms does this dwelling or flat have?&lt;/p&gt;

&lt;div class="i1"&gt;[] 1 Apartment building&lt;br /&gt;[] 2 Single detached house&lt;br /&gt;&lt;br /&gt;\_\_ No of separate bedroom&lt;/div&gt;

## CATEGORIES

Value	Category
1	Apartment building
2	Single detached house
8	Unknown
9	NIU (not in the universe)

## INTERVIEWER INSTRUCTIONS

&lt;span class="h2"&gt;Part V: Instructions on how to question and record information on the census form&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;&lt;span class="h3"&gt;Part 3: Information about housing&lt;/span&gt;

&lt;br /&gt;The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.&lt;/p&gt;

<p><span class="em">Question 53: Is the house/apartment that your household is living in a condominium or a discrete house? How many separate bedrooms does this house/apartment have?</span><div class="i1">- Condominium: A house with 2 floors or more, with many apartments, with common walkways and stairs, and a shared system of infrastructures; condominiums include condominiums built for residential purposes and condominiums built with mixed-use purposes (for residential and business purposes).<br /><br />- Discrete house: A house built as a residence on a separate lot with its own walls and walkways. Multiple single-story houses having the same foundation and shared walls are also counted as discrete houses.</div>

**description**

## UNIVERSE

Vietnam 2019: Households occupying a house [discrepancies: type I none; type II trace]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

**VN2019A\_DWNUM: Dwelling number****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Continuous    Decimal: 0    Width: 7    Range: -    Format: Numeric

**description**

## UNIVERSE

Vietnam 2019: All records

**concept**

## CONCEPT

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

**Imputation and derivation**

## DERIVATION

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

**VN2019A\_FLRSPACE: Floor space (in square meters)****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Continuous    Decimal: 0    Width: 4    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

54. How many square meters is that total building floor space of this dwelling or flat?

\_\_\_ floor space (squared meters)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

<p><span class="h3">Part 3: Information about housing</span>  
<br />The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.</p>

<p><span class="em">Question 53: Is the house/apartment that your household is living in a condominium or a discrete house? How many separate bedrooms does this house/apartment have?</span></p>

<p><span class="em">Question 54: How many square meters is the total livable space of the house/apartment?</span>  
<br />The DTV asks to determine the total actual livable space of the house/apartment, not based on the total floor space on papers and records.</p>

<div class="i1">- For apartments: Is the total floor space of the building used for living by the household (including the floor space with walls dividing the apartment inside the condominium including the area of balconies and loggias (if any) attached to that apartment; excluding the wall surrounding the condominium, dividing walls between apartments, floor area with columns, technical boxes located inside the apartment), and the common area for the households living in the condominium such as: space for stairs, common corridors, walkways, security rooms, culture rooms, ...<br /><br />- For discrete houses (including villas): Is the total area used for living by the household, including the space for bedrooms, living rooms, reading rooms, entertainment, etc ...; excluding detached buildings within the premises of the household's house such as: Livestock barns, kitchens, toilets, and warehouses are built separately...</div><div class="i2">- For single-story houses: The total area used for living is the total floor space of the house including the walls (the part with the ceiling, the roof) of that house; if the house shares walls or column frames (with another house or with the general activities area of the surrounding houses), only 1/2 of the ground area of that wall or column frame is counted.<br /><br />- For multi-story houses: The total area used for living is the combined area of all the floors; if the house shares walls and column frames (with another house or with the general activities area of the surrounding houses) on each floor, only 1/2 of the floor area of that shared wall or column frame is counted.</div><span class="pg">[p.76]</span><div class="i2">- The floor and under the floor area that are not covered and are not used for living, are excluded. If the space under the floor is 2.1 m or higher, is 4 m2 or larger, covered and used for living, then it should be included. The DTV asked in combination with observations to record the size (m2) in the blank.</div><p>Note: As for loft, the area is calculated when it is 2.1 m or higher, has a minimum area of 4 m2, and is used for living.</p>

<p>Some notes in determining the total usable area of the house/apartment:</p>

<div class="i1">- If the household does not know or cannot determine the usable area of the house/apartment, the DTV must estimate to record the information. DTV estimates by: Count the number of rows of tiles (if the floor is tiled with square tiles) of length and width to calculate the area; measure in footsteps or use wire or a stick to measure the length and width to calculate the area.<br /><br />- In case the household regularly lives in 2 or more houses on the same lot, the area used for living is equal to the total area of these houses.<br /><br />- In the case of a discrete house with many households residing together:</div><div class="i2">- If the representative household is identified, the livable area of the whole house<br />is calculated for the representative household.<br /><br />- If the representative household cannot be identified, the livable area is calculated for each household. In which, the common areas are not included.</div><div class="i1">- In case the house/apartment has a total livable area of 1000 m2 or more, the DTV writes 999 m2.</div><p>For example: A 4-story house, the floor area of each floor is 40 m2 and is built from the 1st to the 4th floor; only on the 4th floor, only one room of 15 m2 is built as a worship room, and the rest is surrounded by sturdy wire mesh and used for washing and drying clothes. The total livable area of the house is:  $40 \times 3 + 15 = 135$  m2.</p>

## description

### UNIVERSE

Vietnam 2019: Households not sharing dwelling or representative household sharing dwelling with other households [discrepancies: type I none; type II trace]

## concept

### CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

## Imputation and derivation

### DERIVATION

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

### VN2019A\_HOUSE: Living in a house

**Data file:** VNM2019\_PHC-H-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

##### LITERAL QUESTION

Part 3. Information on housing

50. Does your household have housing or not?

(Interviewer observes and sticks in the appropriate answer)

1 Yes  
2 No, in building process and staying in temp. shed [skip to Q60]  
3 No [skip to Q60]

##### CATEGORIES

Value	Category
1	Yes
2	No, in building process and staying in temporary shed
3	No

##### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 50: Does your household have a house?

The DTV observes to determine whether the household has a house (regardless of whether the household has ownership of the house or not). In the event that the DTV either cannot observe or clearly determine, they should ask the DTD to determine the information for Question 50.

[p.74]

A household is defined as having a house if the household lives in a building consisting of 3 elements: walls, roof, and floor. In case a household's residence is a boat house on a river or a lake which has all 3 elements: walls, roof, and floor; then that household is considered as having a house.

In case the household is living in a temporary shack because the household's house is being constructed, the DTV determines the household's housing status as "No, under construction and living in a temporary shack".

#### description

##### UNIVERSE

Vietnam 2019: All households

**concept**

## CONCEPT

var_concept.title	Vocabulary
Household Economic Variables -- HOUSEHOLD	IPUMS

**VN2019A\_HOUSEREP: Representative household from house****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

51. Is your household sharing the dwelling or flat with other household(s)?

1 Yes  
2 No (skip to Q53)

52. Is your household the representative household?

1 Yes  
2 No

\_\_\_ Name of representative HH head [go to Q60]

## CATEGORIES

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

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census formPart 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 52: Is your household a representative household?

This question aims to identify 1 household among the households living in the house/apartment who will answer the detailed housing information in the following questions.

- Representative household: The representative household is usually the one that has ownership or is authorized to jointly manage the house/apartment they are living in or is recognized as such by the other households living in the same house/apartment.

- Non-representative household: For non-representative households, the DTV asks for the name of the representative household and writes the name on the solid line, and writes the code "household number" of the representative household in 3 large squares next to it. The code "household number" of the representative household is taken from the Households List (the DTV checks the name of the head of the representative household with the name in the Households List, ensuring that the house numbering of the representative household and the non-representative household is the same number).

## description

### UNIVERSE

Vietnam 2019: Households sharing dwelling with other households [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

## VN2019A\_HOUSESHR: Share dwelling with other households

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 3. Information on housing

51. Is your household sharing the dwelling or flat with other household(s)?

[ ] 1 Yes [ ] 2 No (skip to Q53)

#### CATEGORIES

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

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 51: Is your household living with other household(s) in the same house/apartment?

A household is considered to be sharing a house with another household when the house/apartment in which they live does not meet the standards of being structurally separate and independent, having shared area such as a living room, bathroom, entrance, ...

## description

UNIVERSE

Vietnam 2019: Households occupying a house [discrepancies: type I none; type II trace]

**concept**

CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Household Economic Variables -- HOUSEHOLD	IPUMS

**VN2019A\_PERN: Number of persons in household****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

CATEGORIES

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

## description

UNIVERSE

Vietnam 2019: All records

## concept

CONCEPT

var_concept.title	Vocabulary
Technical Household Variables -- HOUSEHOLD	IPUMS

### VN2019A\_PILLAR: Pillar material

Data file: VNM2019\_PHC-H-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

LITERAL QUESTION

<span class="em">Part 3. Information on housing</span></p>

<p>55. What is the main construction material of the pier (or the pivot or the load-bearing wall) of this dwelling/flat?</p>  
<div class="i1">[] 1 Durable material (concrete, brick or stone, steel or iron or durable wood)<br />[] 2 Undurable materials (wood of low quality or bamboo, soil, other)</div>

CATEGORIES

Value	Category
1	Durable material (concrete, brick or stone, steel, iron, or durable wood)
2	Undurable material (wood of low quality or bamboo, soil, other)
8	Unknown
9	NIU (not in the universe)

INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 3: Information about housing</span>

<br />The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.</p>

<p><span class="em">Question 55: What is the main material for columns (or pillars, or load-bearing walls) of this house/apartment?</span>

A column (or pillar, or load-bearing wall) is a structural element built to support a roof (or ceiling, or beam).

[p.77]

The determination of the quality of timber used to make columns (or pillars, or load-bearing walls) is based on Vietnam's current classification of timber groups, in which durable timbers are those belonging to groups I, II, III, IV, V; low quality, fragile timber are those belonging to groups VI, VII and VIII or young trees, with a diameter of less than 10 cm. Details of timber species are presented in the "Nationwide unified provisional classification of timber types table" in Appendix 13.

Some column materials are specified as durable materials, including: reinforced concrete, brick/stone, and durable iron/steel/wood.

Some materials for making columns are specified as temporary materials, including: low-quality wood/bamboo, earth, ...

In case the household regularly lives in 2 or more houses on the same lot, the main material for making columns is taken from the main house.

## description

### UNIVERSE

Vietnam 2019: Households occupying a house [discrepancies: type I none; type II trace]

## concept

### CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

## VN2019A\_URBAN: Urban or rural

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Identification

Province/city: \_\_\_ \_

District/quarter/town/provincial city: \_\_\_\_\_

Commune/ward/district town: \_\_\_\_\_

Village/hamlet/group: \_\_\_\_\_

Enumeration area number: \_\_\_\_\_

Urban/rural (urban=1, rural=2): \_

Household number: \_\_\_

Full name of the household head: \_\_\_\_\_

Address of the household: \_\_\_\_\_

#### CATEGORIES

Value	Category
1	Urban
2	Rural

## INTERVIEWER INSTRUCTIONS

Part IV: Instructions on how to question, record cover information, and identify actual permanent residents of the household

II. How to record cover information of the census form

1. Identifying information

1.1. For a paper form

DTV copies the identifying information available on the Household list (Form No. 03B/BCDTW in Appendix 6) to the census form, specifically as follows:

DTV writes names on the solid lines and writes the code in the corresponding boxes with the following information: "province/city"; "district/town/provincial city"; "commune/ward/town"; "hamlet/population group"; "census area".  
 DTV writes the code in the boxes corresponding to the information "urban/rural" and "household no.". For the line "household no.", DTV uses the information in column "c" in the household list corresponding to the household being interviewed. For new households just moving to DBDT (house/apartment has been or has not been listed in the household list), DTV adds information "household no." According to the instructions in appendix 14, section ii.2.  
 DTV writes names on the solid lines with the following information:  
 Line "full name of the head ": DTV uses the information in column "d" of the household list corresponding to the household being interviewed. If the head of the household is different from the list due to a new household moving in (the previous household has moved out) or the household remains but the information about the head of the household changes, DTV writes the name of the new head of the household on this line.  
 line "address of the household": DTV uses the information in column "e" of the household list corresponding to the household being interviewed. For new households just moving to DBDT and their house/apartment is not on the household list, DTV adds the information to "address of the household" according to the instructions in appendix 14, Section II.2.  
 For households that used 2 or more sets of forms, the information belonging to the identification part from the second set of forms onward shall be recorded the same as the first set of forms.

1.2. For electronic form

When DTV logs into the program, the identifying information of the households in the assigned DBDT will automatically be transferred from the Household list to the census form. DTV does not have to copy information from the Household list as instructed for the paper form.

[p.37]

However, among the information that is automatically transferred from the Household list, the information about "the full name of the head" may need to be modified due to a new household moving in (the previous household has moved out) or the household remaining but the information about the head of the household changes compared to the Household list. In this case, DTV interviews to record the actual information of the household at the time of the census. For new households just moving to DBDT and have not been named in the Household list, DTV shall add a new household according to the instructions in the Manual for the electronic form.

## description

### UNIVERSE

Vietnam 2019: All households

## concept

### CONCEPT

var_concept.title	Vocabulary
Geography: O-Z Variables -- HOUSEHOLD	IPUMS

**VN2019A\_BLYEAR: Period when dwelling was built****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

58. What year was this dwelling or flat built?

1 Before 1975  
2 From 1975 to 1999  
3 From 2000 to 2009  
4 From 2010 to now  
5 Not stated

## CATEGORIES

Value	Category
1	Before 1975
2	1975 to 1999
3	2000 to 2009
4	2010 to present
8	Unknown
9	NIU (not in the universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 58: From what year was this house/apartment used?

The DTV records the year in which the house was completed and put into use for the first time. In case a household's house consists of many parts, each part is completed and started to live in different years, the DTV only records the year in which the main part (with the largest area) of that house was completed and first put into use for living.

In case the owner household does not remember which year the house was put into use, the DTV chooses the code "Undetermined".

With remodeled houses: If a major repair causes changes to the structure of the house, record the year of the repair; if minor repairs, enter the year of the most recent major repair or the year of first use (in case there was never a major repair).

For example: A house was built in 1990 and has a tiled roof. In 2000, the tiled roof was removed, and renovated to facilitate pouring a concrete ceiling and building an additional floor. In 2005, the house was renovated and another floor was built. In this case, the DTV records the year of use of the house as 2000 because this is the year in which the house underwent its biggest structural change.

**description**

UNIVERSE

Vietnam 2019: Households occupying a house [discrepancies: type I none; type II trace]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

**VN2019A\_BLYEAR2: Year when dwelling was built (if 2010 or later)****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

58. What year was this dwelling or flat built?

1 Before 1975  
 2 From 1975 to 1999  
 3 From 2000 to 2009  
 4 From 2010 to now  
 5 Not stated

## CATEGORIES

Value	Category
2010	2010
2011	2011
2012	2012
2013	2013
2014	2014
2015	2015
2016	2016
2017	2017
2018	2018
2019	2019
9998	Unknown
9999	NIU (not in the universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census formPart 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 58: From what year was this house/apartment used?

The DTV records the year in which the house was completed and put into use for the first time. In case a household's house consists of many parts, each part is completed and started to live in different years, the DTV only records the year in which the main part (with the largest area) of that house was completed and first put into use for living.

In case the owner household does not remember which year the house was put into use, the DTV chooses the code "Undetermined".

With remodeled houses: If a major repair causes changes to the structure of the house, record the year of the repair; If minor repairs, enter the year of the most recent major repair or the year of first use (in case there was never a major repair).

For example: A house was built in 1990 and has a tiled roof. In 2000, the tiled roof was removed, and renovated to facilitate pouring a concrete ceiling and building an additional floor. In 2005, the house was renovated and another floor was built. In this case, the DTV records the year of use of the house as 2000 because this is the year in which the house underwent its biggest structural change.

## description

UNIVERSE

Vietnam 2019: Households whose dwelling was built in 2010 or after [discrepancies: type I none; type II trace]

## concept

CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

## VN2019A\_DWBUY: Plan to buy a dwelling or flat

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

Part 3. Information on housing

60. Does your household plan to buy a dwelling or flat?

Yes: in which province or city?    Name of province or city \_\_\_\_\_  
No

CATEGORIES

Value	Category
1	Yes
2	No

INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing  
The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 60: In the near future, does your household plan to buy a house/an apartment? If so: Where (province/city) does your household plan to buy a house/an apartment?  
The DTV asks to determine if the household plans to buy a house. If yes, DTV asks where (city/province) the household plans to buy a house and selects the appropriate code from Appendix 11.

In case the household is uncertain about the plan to buy a house or the decision is not unanimous, the DTV determines that there is no plan to buy a house.

In case the household plans to buy, has the money but does not know where (province/city) to buy, or intends to buy a house abroad, the DTV determines that there is no plan to buy a house.

## description

UNIVERSE  
Vietnam 2019: All households

## concept

CONCEPT

var_concept.title	Vocabulary
Household Economic Variables -- HOUSEHOLD	IPUMS

### VN2019A\_DWBUIPROV: Province or city where you plan to buy a dwelling or flat

Data file: VNM2019\_PHC-H-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

#### Questions and instructions

LITERAL QUESTION

Part 3. Information on housing

60. Does your household plan to buy a dwelling or flat?

Yes: in which province or city?    Name of province or city \_\_\_\_ \_  
No

CATEGORIES

Value	Category
01	Ha Noi
02	Ha Giang
04	Cao Bang
06	Bac Kan
08	Tuyen Quang

10	Lao Cai
11	Dien Bien
12	Lai Chau
14	Son La
15	Yen Bai
17	Hoa Binh
19	Thai Nguyen
20	Lang Son
22	Quang Ninh
24	Bac Giang
25	Phu Tho
26	Vinh Phuc
27	Bac Ninh
30	Hai Duong
31	Hai Phong city
33	Hung Yen
34	Thai Binh
35	Ha Nam
36	Nam Dinh
37	Ninh Binh
38	Thanh Hoa
40	Nghe An
42	Ha Tinh
44	Quang Binh
45	Quang Tri
46	Thua Thien Hue
48	Da Nang city
49	Quang Nam
51	Quang Ngai
52	Binh Dinh
54	Phu Yen
56	Khanh Hoa
58	Ninh Thuan
60	Binh Thuan
62	Kon Tum
64	Gia Lai
66	Dak Lak
67	Dak Nong
68	Lam Dong

70	Binh Phuoc
72	Tay Ninh
74	Binh Duong
75	Dong Nai
77	Ba Ria - Vung Tau
79	Ho Chi Minh city
80	Long An
82	Tien Giang
83	Ben Tre
84	Tra Vinh
86	Vinh Long
87	Dong Thap
89	An Giang
91	Kien Giang
92	Can Tho city
93	Hau Giang
94	Soc Trang
95	Bac Lieu
96	Ca Mau
98	Unknown
99	NIU (not in the universe)

#### INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 3: Information about housing**

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

**Question 60: In the near future, does your household plan to buy a house/an apartment? If so: Where (province/city) does your household plan to buy a house/an apartment?**

The DTV asks to determine if the household plans to buy a house. If yes, DTV asks where (city/province) the household plans to buy a house and selects the appropriate code from Appendix 11.

In case the household is uncertain about the plan to buy a house or the decision is not unanimous, the DTV determines that there is no plan to buy a house.

In case the household plans to buy, has the money but does not know where (province/city) to buy, or intends to buy a house abroad, the DTV determines that there is no plan to buy a house.

#### **description**

#### UNIVERSE

Vietnam 2019: Households planning to buy a dwelling [discrepancies: type I none; type II trace]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Household Economic Variables -- HOUSEHOLD	IPUMS

**VN2019A\_FUELCK: Fuel used for cooking****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

<span class="em">Part 3. Information on housing</span></p>

<p>62. What is the main kind of fuel (energy) that your household uses for cooking?</p>

<div class="i1">[] 1 Electricity<br />[] 2 Gas or biogas<br />[] 3 Coal<br />[] 4 Wood<br />[] 5 Other</div><div class="i2">Specify \_\_\_</div><div class="i1">[] 6 No use</div>

## CATEGORIES

Value	Category
1	Electricity
2	Gas or biogas
3	Coal
4	Wood
5	Other
6	Does not use fuel

## INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 3: Information about housing</span></p>

<br /></p><p>The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.</p>

<p><span class="em">Question 62: What is the main type of fuel (energy) that your household uses for cooking?</span><br />Cooking includes cooking rice, cooking food, and drinking water. The main type of fuel (energy) used by the household for cooking is the fuel (energy) that in the past year (12 months before the time of the survey), the household used the most for cooking.</p>

<p>Fuel (energy) used for cooking includes the following types: electricity, gas/biogas, coal, firewood, and other fuels (energy).</p>

<p>In fact, there are households that do not use any fuel (energy) to cook for a long time; they often eat in restaurants and various types of canteen/mess halls. In this case, the DTV chooses the code "Do not use anything".</p>

<p>For example: A household uses an electric rice cooker to cook rice and a gas stove to cook food. In this case, the DTV determines that the main fuel (energy) that the household uses for cooking is gas.</p>

## description

UNIVERSE  
Vietnam 2019: All households

## concept

### CONCEPT

var_concept.title	Vocabulary
Utilities Variables -- HOUSEHOLD	IPUMS

## VN2019A\_LIGHT: Fuel used for lighting

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 3. Information on housing

61. What is the main kind of fuel (energy) that your household uses for lighting?

1 Electricity  
2 Electric generator  
3 Kerosene  
4 Gas  
5 Other  
Specify \_\_\_\_

#### CATEGORIES

Value	Category
1	Electricity
2	Electric generator
3	Kerosene
4	Gas
5	Other

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 61: What is the main type of fuel (energy) that your household uses for lighting?  
The main type of fuel (energy) that households use for lighting is the fuel (energy) that households use the most for lighting in the past year (12 months before the time of the survey).

- Electrical grid: Including the national electrical grid and the locally managed one. Normally, grid power must be transferred from the place of production to the place of consumption through high-voltage lines and substations to increase/decrease voltage. Households using electricity from a local power station for lighting are also counted as using the electrical grid.

[p.81]

- Generator power: Including electricity generated

from generators running on gasoline, water power (small hydroelectricity), wind power, solar power, or privately built small power stations (including thermoelectricity and hydroelectricity) to generate electricity which is then sold to other households.

- Kerosene: Includes kerosene and gasoline.

- Gas.

- Other: Including other types of fuel such as: candles, carbide/acetylene lamp, ...).

The DTV clearly records the main fuel source that the household uses for lighting in the solid line.

For example: A household uses electricity from the grid for lighting. In the past 20 days, households had to use kerosene lamps for lighting because the local power station was broken, and has yet to be repaired. In this case, the DTV determines that the fuel used for lighting in the household is the "Electrical grid".

## description

UNIVERSE

Vietnam 2019: All households

## concept

CONCEPT

var_concept.title	Vocabulary
Utilities Variables -- HOUSEHOLD	IPUMS

## VN2019A\_OWNERSHP: Ownership of dwelling

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

Part 3. Information on housing

59. Whose dwelling or flat do you live in?

1 A private dwelling or flat of the household  
 2 Rented from the state  
 3 Rented or borrowed from individuals  
 4 Cooperative or building apartment  
 5 Other ownership or unclear ownership

CATEGORIES

Value	Category
1	Private dwelling
2	Rented from the state
3	Rented or borrowed from individuals
4	Cooperative building or apartment
5	Other or unclear ownership
8	Unknown
9	NIU (not in the universe)

INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing  
The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 59: Who owns the house/apartment that your household is living in?

- Household's own house: The house/apartment owned by the household, acquired through self-built, purchased, or given/gifted, and is currently being used by the household as their residence.

[p.80]

- House rented from the State: The house/apartment that the household signs a lease from the State.

- House rented from individuals/private entity: The house/apartment that the household signs a lease with a private party to live in and is actually currently living in that house.

- Tenement: The house/apartment that the household rents from organizations, businesses, cooperatives, production groups, ...

- Other forms of ownership or unknown ownership: The house/apartment is not in one of the listed groups, such as: houses/apartments encroached upon the land of the State, organizations, or private individuals; the house/apartment in a dispute over ownership and has not been clearly adjudicated; house/apartment that the household rents from religious organizations.

For example: A tenement room was allotted to Mr. A's family to use. After a period of usage, Mr. A's family leased it to Mr. B's family. In this case, the DTV identifies Question 59 for Mr. B's family as "House rented from individuals/private entity".

## description

UNIVERSE

Vietnam 2019: Households occupying a house [discrepancies: type I none; type II trace]

## concept

CONCEPT

var_concept.title	Vocabulary
Household Economic Variables -- HOUSEHOLD	IPUMS

## VN2019A\_ROOF: Roof material

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

Part 3. Information on housing

56. What is the main construction material of the roof of this dwelling or flat?

1 Durable material (concrete, tile, slab)  
2 Undurable materials (roof piece, leaf, straw, soil paper, other)

CATEGORIES

Value	Category
1	Durable material (concrete, tile, slab)
2	Undurable material (roof piece, leaf, straw, oil paper, other)
8	Unknown

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

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 56: What is the main material for the roof of this house/apartment?

The DTV asks questions in combination with observations to determine the correct information for Question 56.

The roof is the part located on the top of the house, to protect the building from top to bottom (provide cover from rain and sun, heat insulation, heat preservation, waterproofing - covering function) and connected to walls, columns, beams, and bracing elements of a residential building, creating the overall stability of the whole building (bearing function).

Some roofing materials are specified as durable materials, including: reinforced concrete, and tile.

Some roofing materials are specified as temporary materials, including: roofing sheets (fibre cement, thin plastic, sheet metal), leaves/straw/oil paper, or other materials.

In case the roof is made of tiles imitating tole, cold tole, insulated tole, corrugated tole and has a firm supporting structure (iron frame, timber, etc.) which is firmly connected to the masonry wall, reinforced concrete column, then the tole roof is considered to be made of durable material.

In case the house has 02 or more roof layers (heat-proof, leak-proof roof layers,...), DTV asks to determine the main material of the roof built to protect the building; excluding heat-resistant, leak-proof layers as the main materials of the roof.

In the case of a solidly built house with one floor or more, the roof of the first floor (ground floor) is made of concrete, on the top floor pillar concrete columns are made, surrounding walls are built, and the roof is covered with tole, fibre-cement, plastic panels, and plaster ceilings,...and this top floor is used for living activities, then the DTV determines that the main material for the roof of this house is concrete roof.

[p.78]

In case the household regularly living in 2 or more houses on the same lot, the main roofing material is taken from the main house.

## description

## UNIVERSE

Vietnam 2019: Households occupying a house [discrepancies: type I none; type II trace]

## concept

## CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

### VN2019A\_WALLS: Wall material

Data file: VNM2019\_PHC-H-H.dat

## Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 3. Information on housing

57. What is the main construction material of the outer walls of this dwelling or flat?

1 Durable material (concrete, brick or stone, metal or wood)  
2 Non durable material (clay or straw, wattle or plywood, other)

### CATEGORIES

Value	Category
1	Durable material (concrete, brick, stone, metal, wood)
2	Non durable material (clay or straw, wattle or plywood, other)
8	Unknown
9	NIU (not in the universe)

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 57: What is the main material that makes up the wall or shelter of this house/apartment?

The DTV asks questions in combination with observations to determine the correct information for Question 57.

The wall is one of the main structural elements that take on the function of covering, dividing up the spaces, and bearing the load on the ground of the house. This is also the element that helps to distinguish the space inside and outside the house, between one room and another. The wall also has a load-bearing function, supporting the weight, of the roof and conducting it to the foundation.

Wall materials are considered durable if they are made of reinforced concrete, brick/stone, timber, and metal.

Wall materials are considered temporary if they are made of lime soil/straw, bamboo screen/plywood, or other materials.

In case the household regularly lives in 2 or more houses on the same lot, the main wall or shelter material is taken from the main house.

[A figure is omitted here]

[p.79]

[A figure is omitted here]

## description

### UNIVERSE

Vietnam 2019: Households occupying a house [discrepancies: type I none; type II trace]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

**VN2019A\_WATSRC: Source of water for cooking and drinking****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

&lt;span class="em"&gt;Part 3. Information on housing&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;63. What is the main source of cooking or drinking water for your household?&lt;/p&gt;

<div class="i1">[] 1 Tap water<br />[] 2 Purchased water (<span class="lang">xitec</span>, vase)<br />[] 3 Drilled well<br />[] 4 Protected dig well<br />[] 5 Unprotected dig well<br />[] 6 Protected slot water<br />[] 7 Unprotected slot water<br />[] 8 Rainwater<br />[] 9 Other</div><div class="i2">Specify \_\_\_</div>

## CATEGORIES

Value	Category
1	Tap water
2	Purchased water (tanks, jugs)
3	Drilled well water
4	Protected dug well water
5	Unprotected dug well water
6	Protected slot water
7	Unprotected slot water
8	Rain water
9	Other

## INTERVIEWER INSTRUCTIONS

&lt;span class="h2"&gt;Part V: Instructions on how to question and record information on the census form&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;&lt;span class="h3"&gt;Part 3: Information about housing&lt;/span&gt;

<br />The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.</p>

&lt;p&gt;&lt;span class="em"&gt;Question 63: What is the main source of drinking water in your household?&lt;/span&gt;

<br />The main source of drinking water is the water source that in the past year (12 months prior to the time of the survey) the household has used the most for drinking, regardless of where that water source comes from. Sources of drinking water include the following types:</p>

<div class="i1">- Tap water: Tap water is produced by industrial methods connected to the system of faucets located inside or outside the house.</div><span class="pg">[p.82]</span><div class="i1">- Buying water (tanks, jugs): Water that has been treated, purified at facilities licensed by state agencies, and sold to users in the form of stainless steel tanks or in

plastic jugs.<br /><br />- Drilled well water: Water is withdrawn from a deep drilled well to get groundwater through a small hole with a protective pipe, the water is usually withdrawn through a pumping system.<br /><br />"Water tree" also counts as drilled well water. While "Water tree" doesn't seem to be different from tap water, as it is also withdrawn from a drilled well into a high tower, then using a pipeline system for consumption at each household. However, it is not treated using an industrial process (bakki showers, filtration system, disinfecting, sediment tank) before being distributed to the place of consumption.<br /><br />- Protected dug well water: Water taken from a dug well built with bricks or other protective material to prevent wastewater from seeping through, with a wall on top to prevent dirt or animals from falling in.<br /><br />- Unprotected dug well water: Water taken from a dug well that does not have a protective wall to prevent wastewater from seeping in and to prevent dirty objects from falling into the well.<br /><br />- Protected water gap: Water in the headwaters of rivers and streams, flowing out of underground veins (gap) of mountains (made of dirt or rock) and is protected to prevent waste or pollutants from entering. Protected water gap is usually a water gap with a man-made reservoir wall, from which water is led through a closed pipe system to the place of consumption.<br /><br />- Unprotected water gap: Water taken from a water gap which cannot prevent waste or pollutants from falling in. An unprotected water gap is usually a water gap without a reservoir wall.<br /><br />- Rain water.</div><p>For example: A household uses tap water for cooking, drilled well water for bathing, and other daily activities. In this case, DTV identifies the main source of drinking water of the household as "Tap water".

## description

UNIVERSE

Vietnam 2019: All households

## concept

CONCEPT

var_concept.title	Vocabulary
Utilities Variables -- HOUSEHOLD	IPUMS

## VN2019A\_AIRCON: Air conditioner

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

<span class="em">Part 3. Information on housing</span></p>

<p>65. At present, does your household have any of the following appliances:</p>

<div class="i1">(Read the name of the appliances in the answer options)</div><div class="i1">Air conditioner</div><div class="i2">[] 1 Yes<br />[] 2 No</div>

CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 3: Information about housing</span>

<br />The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.</p>

<p><span class="em">Question 65: Currently, does your household have the following types of living equipment?</span>

<br />The DTV reads out the names of the devices so that the household can listen and record the answers.</p>

<p>This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

## description

UNIVERSE

Vietnam 2019: All households

## concept

CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

## VN2019A\_COMPUTER: Computer

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

<span class="em">Part 3. Information on housing</span></p>

<p>65. At present, does your household have any of the following appliances:</p>

<div class="i1">(Read the name of the appliances in the answer options)</div><div class="i1">Computer</div><div class="i2">[] 1 Yes<br />[] 2 No</div>

CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 3: Information about housing</span>

<br />The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.</p>

Question 65: Currently, does your household have the following types of living equipment?  
The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

## description

UNIVERSE  
Vietnam 2019: All households

## concept

### CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

## VN2019A\_MOTORCYC: Motorcycle, motorbike, or electric bike

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options)  
Motorcycle, motorbike, or electric bike  
[ ] 1 Yes  
[ ] 2 No

#### CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?  
The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

## description

UNIVERSE  
Vietnam 2019: All households

## concept

CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

### VN2019A\_PHONE: Landline telephone

Data file: VNM2019\_PHC-H-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options) Landline telephone

[ ] 1 Yes  
[ ] 2 No

CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?  
The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

## description

UNIVERSE

Vietnam 2019: All households

**concept**

## CONCEPT

var_concept.title	Vocabulary
Utilities Variables -- HOUSEHOLD	IPUMS

**VN2019A\_RADIO: Radio****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options)  
Radio (radio or radio cassettes)

[ ] 1 Yes  
[ ] 2 No

## CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census formPart 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?  
The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

**description**

## UNIVERSE

Vietnam 2019: All households

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**VN2019A\_REFRIG: Refrigerator****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options)  
 Refrigerator  
 [ ] 1 Yes  
 [ ] 2 No

## CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?

The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

**description**

## UNIVERSE

Vietnam 2019: All households

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

## VN2019A\_TOILET: Type of toilet

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 3. Information on housing

64. What kind of toilet facility does your household use most?

1 Indoor flush or semi-flush toilet  
2 Outdoor flush or semi-flush toilet  
3 Other  
4 No toilet

#### CATEGORIES

Value	Category
1	Indoor flush or semi-flush toilet
2	Outdoor flush or semi-flush toilet
3	Other
4	No toilet

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 64: What type of latrine does your household use?

This questionnaire collects information about the type of latrine that the households use the most in the past year (12 months prior to the time of the survey), regardless of where the latrine is located and who it belongs to. Types of latrines include:

- Septic/semi-septic toilets in the house: A type of latrine built inside a house (closed), using water to discharge feces through a pipe into a septic tank (also known as an infection tank with 1 to 3 compartments: a fecal compartment, one or two filter compartments before discharging water to the sewer), regardless of whether water is poured into the toilet through a pipe or poured into the toilet using a drum, bucket or basin.

- Septic/semi-septic toilets outside the house: A septic and semi-septic toilet built outside the house (built in a separate area).  
- Other toilets: These are types of latrines that do not fall into the above two categories, including permeable latrines, latrines with 1 compartment, 2 compartments or simply 1 hole dug/paved/built, latrines that use water but do not have a septic tank or bucket toilet, cathole, outhouse above a water body, ...  
- No latrines: This is the case where the household does not use any kind of latrine but has to defecate in the fields, hills, open fields, in the bush, river banks, etc. ...  
For example: A household rents a room in a motel and uses the shared bathroom and septic toilet every day. In this case, the DTV recorded that the household used "outdoor septic/semi-septic latrines."

## description

UNIVERSE

Vietnam 2019: All households

## concept

CONCEPT

var_concept.title	Vocabulary
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS

### VN2019A\_TV: Television

Data file: VNM2019\_PHC-H-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options)  
 Television  
 1 Yes  
 2 No

CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?  
 The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

## description

UNIVERSE

Vietnam 2019: All households

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**VN2019A\_WASHER: Washing machine****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options)  
Washing machine  
[] 1 Yes  
[] 2 No

## CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?  
The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

**description**

## UNIVERSE

Vietnam 2019: All households

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**VN2019A\_WATHEAT: Water heater****Data file:** VNM2019\_PHC-H-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options)  
 Water heater  
 [ ] 1 Yes  
 [ ] 2 No

## CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?

The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

**description**

## UNIVERSE

Vietnam 2019: All households

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

## VN2019A\_BIKE: Bicycle

Data file: VNM2019\_PHC-H-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options)  
Bicycle  
1 Yes  
2 No

#### CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?  
The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

### description

#### UNIVERSE

Vietnam 2019: All households

### concept

#### CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**VN2019A\_BOAT: Boat****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options)  
Boat/ dinghy or junk

[ ] 1 Yes  
[ ] 2 No

## CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census formPart 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?

The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

**description**

## UNIVERSE

Vietnam 2019: All households

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**VN2019A\_CAR: Car****Data file: VNM2019\_PHC-H-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 3. Information on housing

65. At present, does your household have any of the following appliances:

(Read the name of the appliances in the answer options)  
Car  
1 Yes  
2 No

## CATEGORIES

Value	Category
1	Yes
2	No
9	Unknown

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 3: Information about housing

The DTV collects information about the housing situation of the household. Do not collect housing information for specific demographics.

Question 65: Currently, does your household have the following types of living equipment?  
The DTV reads out the names of the devices so that the household can listen and record the answers.

This question is intended to collect information about the usage of household appliances, regardless of whether these household appliances are owned by the household or not.

**description**

## UNIVERSE

Vietnam 2019: All households

**concept**

## CONCEPT

var_concept.title	Vocabulary
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS

**VN2019A\_STRATA: Strata****Data file: VNM2019\_PHC-H-H.dat**

**Overview**

Type: Continuous    Decimal: 0    Width: 6    Range: -    Format: Numeric

**description**

UNIVERSE  
Vietnam 2019: All households

**concept**

CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Geography: O-Z Variables -- HOUSEHOLD	IPUMS

**Imputation and derivation**

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

**VN2019A\_WTHH: Household weight**

**Data file: VNM2019\_PHC-H-H.dat**

**Overview**

Type: Continuous    Decimal: 7    Width: 10    Range: -    Format: Numeric

**description**

UNIVERSE  
Vietnam 2019: All households

**concept**

CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Technical Household Variables -- HOUSEHOLD	IPUMS

**Imputation and derivation**

DERIVATION  
This is a 10-digit numeric variable with 7 implied decimal places

**MOMLOC: Mother's location in household****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Continuous    Decimal: 0    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

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

**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:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

00	No parent of person in household
11	Link to head or spouse, unambiguous
12	Link to head or spouse, ambiguous
21	Child-Grandchild, within empirical child cap
22	Child-Grandchild, within constructed child cap
23	Child-Grandchild, exceeds child cap
31	Specified Other Relatives, within empirical child cap
32	Specified Other Relatives, within constructed child cap
33	Specified Other Relatives, exceeds child cap
41	Other Relatives, within empirical child cap
42	Other Relatives, within constructed child cap
51	Non-Relatives, within empirical child cap
52	Non-Relatives, within constructed child cap

## description

### DEFINITION

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

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

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

### PERNUM: Person number

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Continuous    Decimal: 0    Width: 4    Range: -    Format: Numeric

## description

### DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Technical Person Variables -- PERSON	IPUMS

**Imputation and derivation**

## DERIVATION

PERNUM is a 4-digit numeric variable.

**PERWT: Person weight**

**Data file:** VNM2019\_PHC-P-H.dat

**Overview**

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

**description**

## DEFINITION

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

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

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Technical Person Variables -- PERSON	IPUMS

**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:** VNM2019\_PHC-P-H.dat

## Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

## POPLOC: Father's location in household

Data file: VNM2019\_PHC-P-H.dat

## Overview

Type: Continuous    Decimal: 0    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

<b>var_concept.title</b>	<b>Vocabulary</b>
Constructed Family Interrelationship Variables -- PERSON	IPUMS

**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:** VNM2019\_PHC-P-H.dat

**Overview**

Type: Continuous    Decimal: 0    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

<b>var_concept.title</b>	<b>Vocabulary</b>
Constructed Family Interrelationship Variables -- PERSON	IPUMS

**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: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

## STEPMOM: Probable stepmother

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

### STEPPOP: Probable stepfather

Data file: VNM2019\_PHC-P-H.dat

## Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0	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 STEPPPOP 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, STEPPPOP 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, STEPPPOP will always under-represent their actual number in the population.

## concept

### CONCEPT

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

## AGE: Age

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

<b>Value</b>	<b>Category</b>
000	Less than 1 year
001	1 year
002	2 years
003	3
004	4
005	5
006	6
007	7
008	8
009	9
010	10
011	11
012	12
013	13
014	14
015	15
016	16
017	17
018	18
019	19
020	20
021	21
022	22
023	23
024	24
025	25
026	26
027	27
028	28
029	29
030	30
031	31

032	32
033	33
034	34
035	35
036	36
037	37
038	38
039	39
040	40
041	41
042	42
043	43
044	44
045	45
046	46
047	47
048	48
049	49
050	50
051	51
052	52
053	53
054	54
055	55
056	56
057	57
058	58
059	59
060	60
061	61
062	62
063	63
064	64
065	65
066	66
067	67
068	68
069	69
070	70

071	71
072	72
073	73
074	74
075	75
076	76
077	77
078	78
079	79
080	80
081	81
082	82
083	83
084	84
085	85
086	86
087	87
088	88
089	89
090	90
091	91
092	92
093	93
094	94
095	95
096	96
097	97
098	98
099	99
100	100+
999	Not reported/missing

## description

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### DEFINITION

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

## concept

---

### CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## ELDCH: Age of eldest own child in household

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
00	0
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25

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

## description

### DEFINITION

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

ELDCH is top-coded at age 50 or older.

## concept

### CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
--------------------------	-------------------

Constructed Family Interrelationship Variables -- PERSON

IPUMS

**FAMSIZE: Number of own family members in household****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0001	1 family member present
0002	2 family members present
0003	3 family members present
0004	4
0005	5
0006	6
0007	7
0008	8
0009	9
0010	10
0011	11
0012	12
0013	13
0014	14
0015	15
0016	16
0017	17
0018	18
0019	19
0020	20
0021	21
0022	22
0023	23
0024	24
0025	25
0026	26
0027	27

0028	28
0029	29
0030	30
0031	31
0032	32
0033	33
0034	34
0035	35
0036	36
0037	37
0038	38
0039	39
0040	40
0041	41
0042	42
0043	43
0044	44
0045	45
0046	46
0047	47
0048	48
0049	49
0050	50
0051	51
0052	52
0053	53
0054	54
0055	55
0056	56
0057	57
0058	58
0059	59
0060	60
0061	61
0062	62
0063	63
0064	64
0065	65
0066	66

0067	67
0068	68
0069	69
0070	70
0071	71
0072	72
0073	73
0074	74
0075	75
0076	76
0077	77
0078	78
0079	79
0080	80
0081	81
0082	82
0083	83
0084	84
0085	85
0086	86
0087	87
0088	88
0089	89
0090	90
0091	91
0092	92
0093	93
0094	94
0095	95
0096	96
0097	97
0098	98
0099	99 or more persons

## description

### DEFINITION

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

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

## FAMUNIT: Family unit membership

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Continuous    Decimal: 0    Width: 4    Range: -    Format: Numeric

### description

#### DEFINITION

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

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

### Imputation and derivation

#### DERIVATION

FAMUNIT is a 4-digit numeric variable.

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

## NCHILD: Number of own children in household

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
00	0
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

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

**NCHLT5: Number of own children under age 5 in household****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

00	0
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

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

## POLY2ND: Woman is second or higher order wife

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

## RELATE: Relationship to household head [general version]

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

**RELATED: Relationship to household head [detailed version]****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## YNGCH: Age of youngest own child in household

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
00	0
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9

10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48

49	49
50	50 or older
98	One or more children have unknown age
99	No own child in household

## description

### DEFINITION

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

YNGCH is top-coded at age 50 or older.

## concept

### CONCEPT

var_concept.title	Vocabulary
Constructed Family Interrelationship Variables -- PERSON	IPUMS

## AGE2: Age, grouped into intervals

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## AGEMARR: Age at first marriage or union

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
00	NIU (not in universe)
10	10 or younger
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
99	Unknown

## description

### DEFINITION

AGEMARR indicates the person's age at first marriage or consensual union.

## concept

### CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## BIRTHYR: Year of birth

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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
1640	1640
1641	1641
1642	1642
1643	1643
1644	1644
1645	1645
1646	1646
1647	1647
1648	1648
1649	1649
1650	1650
1651	1651
1652	1652
1653	1653
1654	1654
1655	1655
1656	1656
1657	1657
1658	1658
1659	1659
1660	1660
1661	1661
1662	1662
1663	1663
1664	1664
1665	1665
1666	1666
1667	1667
1668	1668
1669	1669
1670	1670
1671	1671
1672	1672
1673	1673
1674	1674
1675	1675
1676	1676

1677	1677
1678	1678
1679	1679
1680	1680
1681	1681
1682	1682
1683	1683
1684	1684
1685	1685
1686	1686
1687	1687
1688	1688
1689	1689
1690	1690
1691	1691
1692	1692
1693	1693
1694	1694
1695	1695
1696	1696
1697	1697
1698	1698
1699	1699
1700	1700
1701	1701
1702	1702
1703	1703
1704	1704
1705	1705
1706	1706
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1709	1709
1710	1710
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1714	1714
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1742	1742
1743	1743
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1799	1799
1800	1800
1801	1801
1802	1802
1803	1803
1804	1804
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1806	1806
1807	1807
1808	1808
1809	1809
1810	1810
1811	1811
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1897	1897
1898	1898
1899	1899
1900	1900
1901	1901
1902	1902
1903	1903
1904	1904
1905	1905
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1910	1910

1911	1911
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1914	1914
1915	1915
1916	1916
1917	1917
1918	1918
1919	1919
1920	1920
1921	1921
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1923	1923
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1927	1927
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1931	1931
1932	1932
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1936	1936
1937	1937
1938	1938
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1941	1941
1942	1942
1943	1943
1944	1944
1945	1945
1946	1946
1947	1947
1948	1948
1949	1949

1950	1950
1951	1951
1952	1952
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1954	1954
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1987	1987
1988	1988

1989	1989
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1991	1991
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1994	1994
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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
9999	Unknown

## description

### DEFINITION

BIRTHYR gives the person's year of birth.

**concept**

## CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Demographic Variables -- PERSON	IPUMS

**CHBORN: Children ever born****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## CHBORNF: Number of female children ever born

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

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

08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30+
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## CHSURV: Children surviving

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

<b>Value</b>	<b>Category</b>
00	No children
01	1 child
02	2 children
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30+
98	Unknown

99

NIU (not in universe)

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**MARRYR: Year of first marriage**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1887	1887
1888	1888
1889	1889
1890	1890
1891	1891
1892	1892
1893	1893
1894	1894
1895	1895
1896	1896
1897	1897
1898	1898
1899	1899
1900	1900
1901	1901
1902	1902
1903	1903

1904	1904
1905	1905
1906	1906
1907	1907
1908	1908
1909	1909
1910	1910
1911	1911
1912	1912
1913	1913
1914	1914
1915	1915
1916	1916
1917	1917
1918	1918
1919	1919
1920	1920
1921	1921
1922	1922
1923	1923
1924	1924
1925	1925
1926	1926
1927	1927
1928	1928
1929	1929
1930	1930
1931	1931
1932	1932
1933	1933
1934	1934
1935	1935
1936	1936
1937	1937
1938	1938
1939	1939
1940	1940
1941	1941
1942	1942

1943	1943
1944	1944
1945	1945
1946	1946
1947	1947
1948	1948
1949	1949
1950	1950
1951	1951
1952	1952
1953	1953
1954	1954
1955	1955
1956	1956
1957	1957
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1970	1970
1971	1971
1972	1972
1973	1973
1974	1974
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1976	1976
1977	1977
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1981	1981

1982	1982
1983	1983
1984	1984
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1986	1986
1987	1987
1988	1988
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2003	2003
2004	2004
2005	2005
2006	2006
2007	2007
2008	2008
2009	2009
2010	2010
2011	2011
2012	2012
2013	2013
2014	2014
2015	2015
2016	2016
2017	2017
2018	2018
2019	2019
2020	2020

9998	Unknown
9999	NIU (not in universe)

## description

### DEFINITION

MARRYR reports the year of first marriage.

## concept

### CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## MARST: Marital status [general version]

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## MARSTD: Marital status [detailed version]

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## SEX: Sex

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

**BIRTHSLYR: Number of births last year**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**CHBORNM: Number of male children ever born**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

<b>Value</b>	<b>Category</b>
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 indicates the number of male children ever born to a woman. Only live births are counted.

## concept

### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## CHDEAD: Number of children dead

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## CHDEADFEM: Number of female children dead

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

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

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

## description

### DEFINITION

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

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## CHDEADMALE: Number of male children dead

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
00	None
01	1
02	2
03	3

04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20+
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

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

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## CHSURVF: Number of female children surviving

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

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

### description

#### DEFINITION

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

### concept

#### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**CHSURVM: Number of male children surviving**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**HOMECHILD: Number of own children in household**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
00	0
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

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## LASTBMO: Month of last birth

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

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

## description

### DEFINITION

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

**concept**

## CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Fertility and Mortality Variables -- PERSON	IPUMS

**LASTBYR: Year of last birth****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

<b>Value</b>	<b>Category</b>
1900	1900
1901	1901
1902	1902
1903	1903
1904	1904
1905	1905
1906	1906
1907	1907
1908	1908
1909	1909
1910	1910
1911	1911
1912	1912
1913	1913
1914	1914
1915	1915
1916	1916
1917	1917
1918	1918
1919	1919
1920	1920
1921	1921
1922	1922

1923	1923
1924	1924
1925	1925
1926	1926
1927	1927
1928	1928
1929	1929
1930	1930
1931	1931
1932	1932
1933	1933
1934	1934
1935	1935
1936	1936
1937	1937
1938	1938
1939	1939
1940	1940
1941	1941
1942	1942
1943	1943
1944	1944
1945	1945
1946	1946
1947	1947
1948	1948
1949	1949
1950	1950
1951	1951
1952	1952
1953	1953
1954	1954
1955	1955
1956	1956
1957	1957
1958	1958
1959	1959
1960	1960
1961	1961

1962	1962
1963	1963
1964	1964
1965	1965
1966	1966
1967	1967
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
1988	1988
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
9998	Unknown
9999	NIU (not in universe)

## description

### DEFINITION

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## AWAYCHILD: Number of own children living elsewhere

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
00	0
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

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**AWAYFEM: Number of own female children living elsewhere**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**AWAYMALE: Number of own male children living elsewhere**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**BTHCERT: Has birth certificate or birth is registered**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

BTHCERT indicates whether the person has a birth certificate or their own birth is registered.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Nativity and Birthplace Variables -- PERSON	IPUMS

**ETHNICVN: Ethnicity, Vietnam****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
01	Kinh
02	Tay
03	Thai
04	Hoa
05	Kho Me
06	Muong
07	Nung
08	Hmong
09	Dao
10	Gia Rai
11	Ngai
12	E De
13	Ra Na
14	Xu Dang
15	San Chay
16	Co Ho
17	Cham
18	San Diu
19	Hre
20	Mnong
21	Raglai
22	Xtieng
23	Bru-Van Kieu
24	Tho
25	Giay
26	Co Tu
27	Gie Trieng
28	Ma
29	Kho mu
30	Co

31	Ta Oi
32	Cho Ro
33	Khang
34	Xinh Mum
35	Ha Nhi
36	Chu Ru
37	Lao
38	La Chi
39	La Ha
40	Phu La
41	La Hu
42	Lu
43	Lo Lo
44	Chut
45	Mang
46	Pa Then
47	Co Lao
48	Cong
49	Bo Y
50	Si La
51	Pu Peo
52	Brau
53	O Du
54	Ro Man
55	Foreigner
56	Other ethnicities
97	Response suppressed
98	Unknown

## description

### DEFINITION

ETHNICVN indicates the ethnic group to which the person claims membership.

## concept

### CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Ethnicity and Language Variables -- PERSON	IPUMS

**HOMEFEM: Number of own female children in household**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**HOMEMALE: Number of own male children in household**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**RELIGION: Religion [general version]****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Ethnicity and Language Variables -- PERSON	IPUMS

**RELIGIOND: Religion [detailed version]****Data file:** VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

<b>Value</b>	<b>Category</b>
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 Metodista 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-Ie
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	Pocamania 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

var_concept.title	Vocabulary
Ethnicity and Language Variables -- PERSON	IPUMS

## SCHOOL: School attendance

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

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

3	No, attended in the past
4	No, never attended
9	Unknown/missing

## description

### DEFINITION

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## EDATTAIN: Educational attainment, international recode [general version]

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## EDATTAIN: Educational attainment, international recode [detailed version]

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## EDUCVN: Educational attainment, Vietnam

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category
000	None
100	Pre-school
200	General education
201	Primary grade 1
202	Primary grade 2
203	Primary grade 3
204	Primary grade 4
205	Primary grade 5
208	Primary less than a year
209	Primary grade unknown
210	Lower Secondary
211	Lower secondary grade 6
212	Lower secondary grade 7
213	Lower secondary grade 8

214	Lower secondary grade 9
219	Lower secondary grade unknown
220	Short-term training
221	Short-term training year 1
222	Short-term training year 2
223	Short-term training year 3
224	Short-term training year 4+
228	Short-term training less than a year
229	Short-term training, year unknown
230	Upper Secondary
231	Higher secondary grade 10
232	Higher secondary grade 11
233	Higher secondary grade 12+
239	Higher secondary, unknown grade
240	Intermediate
241	Intermediate year 1
242	Intermediate year 2
243	Intermediate year 3
244	Intermediate year 4
248	Intermediate less than a year
249	Intermediate, year unknown
250	Vocational upper secondary training
251	Vocational training year 1
252	Vocational training year 2
253	Vocational training year 3
254	Vocational training year 4+
258	Vocational training less than a year
259	Vocational training, year unknown
260	Professional upper secondary education
261	Vocational education year 1
262	Vocational education year 2
263	Vocational education year 3
264	Vocational education year 4+
268	Vocational education less than a year
269	Vocational education, year unknown
270	Trade college
271	Trade college year 1
272	Trade college year 2
273	Trade college year 3

274	Trade college year 4+
278	Trade college less than a year
279	Trade college, year unknown
299	General education, unspecified
300	Higher education
310	College
311	College year 1
312	College year 2
313	College year 3
314	College year 4+
318	College less than a year
319	College, year unknown
320	University, undergraduate and professional
321	University year 1
322	University year 2
323	University year 3
324	University year 4
325	University year 5
326	University year 6
327	University year 7+
330	University less than a year
339	University year unknown
400	University, graduate
410	Masters
411	Master's year 1
412	Master's year 2
413	Master's year 3
414	Master's year 4+
418	Master's less than a year
419	Master's, year unknown
420	Doctorate
421	Doctorate year 1
422	Doctorate year 2
423	Doctorate year 3
424	Doctorate year 4
425	Doctorate year 5
426	Doctorate year 6
427	Doctorate year 7+
429	Doctorate, year unknown

800	Unknown
999	NIU (not in universe)

## description

### DEFINITION

This variable indicates the highest educational level in Vietnam that the person was attending or had completed at the time of the census.

## concept

### CONCEPT

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## EMPSTAT: Activity status (employment status) [general version]

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

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

## description

### DEFINITION

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

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

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

**concept**

## CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Work Variables -- PERSON	IPUMS

**EMPSTATD: Activity status (employment status) [detailed version]****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

<b>Value</b>	<b>Category</b>
000	NIU (not in universe)
100	Employed, not specified
110	At work
111	At work, and 'student'
112	At work, and 'housework'
113	At work, and 'seeking work'
114	At work, and 'retired'
115	At work, and 'no work'
116	At work, and other situation
117	At work, family holding, not specified
118	At work, family holding, not agricultural
119	At work, family holding, agricultural
120	Have job, not at work in reference period
130	Armed forces
131	Armed forces, at work
132	Armed forces, not at work in reference period
133	Military trainee
140	Marginally employed
200	Unemployed, not specified
201	Unemployed 6 or more months
202	Worked fewer than 6 months, permanent job
203	Worked fewer than 6 months, temporary job
210	Unemployed, experienced worker

220	Unemployed, new worker
230	No work available
240	Inactive unemployed
300	Inactive (not in labor force)
310	Housework
320	Unable to work, disabled or health reasons
321	Permanent disability
322	Temporary illness
323	Disabled or imprisoned
330	In school
340	Retirees and living on rent
341	Living on rents
342	Living on rents or pension
343	Retirees/pensioners
344	Retired
345	Pensioner
346	Non-retirement pension
347	Disability pension
348	Retired without benefits
350	Elderly
351	Elderly or disabled
360	Institutionalized
361	Prisoner
370	Intermittent worker
371	Not working, seasonal worker
372	Not working, occasional worker
380	Other income recipient
390	Inactive, other reasons
391	Too young to work
392	Dependent
999	Unknown/missing

## description

### DEFINITION

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

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

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## LABFORCE: Labor force participation

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

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

## description

### DEFINITION

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

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## LIT: Literacy

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

**OCC: Occupation, unrecoded****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Continuous    Decimal: 0    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

<b>var_concept.title</b>	<b>Vocabulary</b>
Work Variables -- PERSON	IPUMS

## Imputation and derivation

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### 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:** VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## YRSCHOOL: Years of schooling

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

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

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0	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

### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## CLASSWKD: Status in employment (class of worker) [detailed version]

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## GEOMIG1\_5: 1st subnational geographic level of residence 5 years prior to survey, world [consistent boundaries over time]

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 6    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
032002	City of Buenos Aires [Province: Argentina]
032006	Buenos Aires province [Province: Argentina]
032010	Catamarca [Province: Argentina]
032014	Córdoba [Province: Argentina]
032018	Corrientes [Province: Argentina]

032022	Chaco [Province: Argentina]
032026	Chubut [Province: Argentina]
032030	Entre Ríos [Province: Argentina]
032034	Formosa [Province: Argentina]
032038	Jujuy [Province: Argentina]
032042	La Pampa [Province: Argentina]
032046	La Rioja [Province: Argentina]
032050	Mendoza [Province: Argentina]
032054	Misiones [Province: Argentina]
032058	Neuquén [Province: Argentina]
032062	Río Negro [Province: Argentina]
032066	Salta [Province: Argentina]
032070	San Juan [Province: Argentina]
032074	San Luis [Province: Argentina]
032078	Santa Cruz [Province: Argentina]
032082	Santa Fe [Province: Argentina]
032086	Santiago del Estero [Province: Argentina]
032090	Tucumán [Province: Argentina]
032094	Tierra del Fuego [Province: Argentina]
032096	Argentina, unknown [Province: Argentina]
032097	Foreign country [Province: Argentina]
032098	Unknown [Province: Argentina]
032999	NIU (not in universe) [Province: Argentina]
068001	Chuquisaca [Department: Bolivia]
068002	La Paz [Department: Bolivia]
068003	Cochabamba [Department: Bolivia]
068004	Oruro [Department: Bolivia]
068005	Potosí [Department: Bolivia]
068006	Tarija [Department: Bolivia]
068007	Santa Cruz [Department: Bolivia]
068008	Beni [Department: Bolivia]
068009	Pando [Department: Bolivia]
068096	Bolivia, province unknown [Department: Bolivia]
068097	Foreign country [Department: Bolivia]
068098	Unknown [Department: Bolivia]
068099	NIU (not in universe) [Department: Bolivia]
072001	Gaborone [District: Botswana]
072002	Francistown [District: Botswana]
072003	Lobatse [District: Botswana]

072004	Selebi Phikwe [District: Botswana]
072007	Central Tutume, Sowa [District: Botswana]
072010	Ngwaketse, Ngwaketse West, Ngwaketse Southern, Southern, Jwaneng [District: Botswana]
072011	Borolong [District: Botswana]
072020	South East [District: Botswana]
072030	Kweneng, Kweneng South, Kweneng North [District: Botswana]
072040	Kgatleng [District: Botswana]
072050	Central Serowe/Palapye [District: Botswana]
072051	Central Mahalapye [District: Botswana]
072052	Central Bobonong [District: Botswana]
072053	Central Boteti, Orapa [District: Botswana]
072060	North East [District: Botswana]
072070	Ngamiland East [District: Botswana]
072071	Ngamiland West, Delta [District: Botswana]
072072	Chobe [District: Botswana]
072080	Ghanzi, Central Kgalagadi Game Reserve (CKGR) [District: Botswana]
072090	Tshabong (Kgalagadi South) [District: Botswana]
072091	Hukunsti (Kgalagadi North) [District: Botswana]
072092	Botswana, district unknown [District: Botswana]
072097	Abroad [District: Botswana]
072098	Unknown [District: Botswana]
072099	NIU (not in universe) [District: Botswana]
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]
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]
124010	Newfoundland and Labrador [Province: Canada]
124011	Prince Edward Island, Yukon Territory, Northwest Territories, Nunavut [Province: Canada]
124012	Nova Scotia [Province: Canada]
124013	New Brunswick [Province: Canada]
124024	Quebec [Province: Canada]
124035	Ontario [Province: Canada]
124046	Manitoba [Province: Canada]
124047	Saskatchewan [Province: Canada]
124048	Alberta [Province: Canada]
124059	British Columbia [Province: Canada]
124099	NIU (not in universe) [Province: Canada]
152014	Iquique, Tamarugal [Province: Chile]
152021	Antofagasta [Province: Chile]
152022	El Loa [Province: Chile]
152023	Tocopilla [Province: Chile]

152031	Copiapó [Province: Chile]
152032	Chañaral [Province: Chile]
152033	Huasco [Province: Chile]
152041	Elqui [Province: Chile]
152042	Choapa [Province: Chile]
152043	Limarí [Province: Chile]
152051	Valparaíso, Quillota, Marga Marga, Isla de Pascua [Province: Chile]
152053	Los Andes [Province: Chile]
152054	Petorca [Province: Chile]
152056	San Antonio [Province: Chile]
152057	San Felipe de Aconcagüa [Province: Chile]
152061	Cachapoal [Province: Chile]
152062	Cardenal Caro [Province: Chile]
152063	Colchagua [Province: Chile]
152071	Talca [Province: Chile]
152072	Cauquenes [Province: Chile]
152073	Curicó [Province: Chile]
152074	Linares [Province: Chile]
152081	Concepción [Province: Chile]
152082	Arauco [Province: Chile]
152083	Biobío [Province: Chile]
152091	Cautín [Province: Chile]
152092	Malleco [Province: Chile]
152101	Llanquihue [Province: Chile]
152102	Chiloé, Palena [Province: Chile]
152103	Osorno [Province: Chile]
152111	Coihaique [Province: Chile]
152112	Aisén, General Carrera, Capitan Prat [Province: Chile]
152121	Magallanes, Tierra del Fuego, Antártica Chilena [Province: Chile]
152124	Última Esperanza [Province: Chile]
152131	Santiago [Province: Chile]
152132	Cordillera [Province: Chile]
152133	Chacabuco [Province: Chile]
152134	Maipo [Province: Chile]
152135	Melipilla [Province: Chile]
152136	Talagante [Province: Chile]
152141	Valdivia, Ranco [Province: Chile]
152151	Arica, Parinacota [Province: Chile]
152163	Diguillín, Itata, Punilla [Province: Chile]

152997	Foreign country [Province: Chile]
152998	Unknown [Province: Chile]
152999	NIU (not in universe) [Province: Chile]
156011	Beijing [Province: China]
156012	Tianjin [Province: China]
156013	Hebei [Province: China]
156014	Shanxi [Province: China]
156015	Inner Mongolia [Province: China]
156021	Liaoning [Province: China]
156022	Jilin [Province: China]
156023	Heilongjiang [Province: China]
156031	Shanghai [Province: China]
156032	Jiangsu [Province: China]
156033	Zhejiang [Province: China]
156034	Anhui [Province: China]
156035	Fujian [Province: China]
156036	Jiangxi [Province: China]
156037	Shandong [Province: China]
156041	Henan [Province: China]
156042	Hubei [Province: China]
156043	Hunan [Province: China]
156044	Guangdong, Hainan [Province: China]
156045	Guangxi [Province: China]
156051	Sichuan, Chongqing [Province: China]
156052	Guizhou [Province: China]
156053	Yunnan [Province: China]
156054	Tibet [Province: China]
156061	Shaanxi [Province: China]
156062	Gansu [Province: China]
156063	Qinghai [Province: China]
156064	Ningxia [Province: China]
156065	Xinjiang [Province: China]
156071	Taiwan [China]
156072	Hong Kong [China]
156073	Macao [China]
156097	Other countries [Province: China]
156099	NIU (not in universe) [Province: China]
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]
170099	NIU (not in universe), [Department: Colombia]
188001	San José [Province: Costa Rica]
188002	Alajuela [Province: Costa Rica]
188003	Cartago [Province: Costa Rica]
188004	Heredía [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]
188099	NIU (not in universe) [Province: Costa Rica]
214001	Distrito Nacional, Santo Domingo [Province: Dominican Republic]
214002	Azua [Province: Dominican Republic]
214003	Baoruco, Barahona, Independencia [Province: Dominican Republic]
214005	Dajabón [Province: Dominican Republic]
214006	Duarte [Province: Dominican Republic]
214007	Elías Piña [Province: Dominican Republic]

214008	El Seibo, Hato Mayor [Province: Dominican Republic]
214009	Españat [Province: Dominican Republic]
214011	La Altagracia, La Romana [Province: Dominican Republic]
214013	Monseñor Nouel, La Vega [Province: Dominican Republic]
214014	María Trinidad Sánchez [Province: Dominican Republic]
214015	Monte Cristi [Province: Dominican Republic]
214016	Pedernales [Province: Dominican Republic]
214017	San José de Ocoa, Peravia [Province: Dominican Republic]
214018	Puerto Plata, Santiago [Province: Dominican Republic]
214019	Hermanas Mirabal [Province: Dominican Republic]
214020	Samaná [Province: Dominican Republic]
214021	San Cristóbal, Monte Plata [Province: Dominican Republic]
214022	San Juan [Province: Dominican Republic]
214023	San Pedro De Macorís [Province: Dominican Republic]
214024	Sánchez Ramírez [Province: Dominican Republic]
214026	Santiago Rodríguez [Province: Dominican Republic]
214027	Valverde [Province: Dominican Republic]
214097	Foreign country [Province: Dominican Republic]
214098	Unknown [Province: Dominican Republic]
214099	NIU (not in universe) [Province: Dominican Republic]
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]
242001	Central [Province: Fiji]

242002	Eastern [Province: Fiji]
242003	Northern [Province: Fiji]
242004	Western [Province: Fiji]
242097	Foreign country [Province: Fiji]
242098	Unknown [Province: Fiji]
242999	NIU (not in universe) [Province: Fiji]
288001	Western [Region: Ghana]
288002	Central [Region: Ghana]
288003	Greater Accra [Region: Ghana]
288004	Volta [Region: Ghana]
288005	Eastern [Region: Ghana]
288006	Ashanti [Region: Ghana]
288007	Brong Ahafo [Region: Ghana]
288008	Northern [Region: Ghana]
288009	Upper East [Region: Ghana]
288010	Upper West [Region: Ghana]
288098	Unknown [Region: Ghana]
288099	NIU (not in universe) [Region: Ghana]
300001	Etolia and Akarnania [Department: Greece]
300003	Viotia [Department: Greece]
300004	Evia [Department: Greece]
300005	Evrytania [Department: Greece]
300006	Fthiotida [Department: Greece]
300007	Fokida [Department: Greece]
300011	Argolida [Department: Greece]
300012	Arkadia [Department: Greece]
300013	Achaia [Department: Greece]
300014	Ilia [Department: Greece]
300015	Korinthia [Department: Greece]
300016	Lakonia [Department: Greece]
300017	Messinia [Department: Greece]
300021	Zakynthos [Department: Greece]
300022	Kerkyra [Department: Greece]
300023	Kefallinia [Department: Greece]
300024	Lefkada [Department: Greece]
300031	Arta [Department: Greece]
300032	Thesprotia [Department: Greece]
300033	Ioannina [Department: Greece]
300034	Preveza [Department: Greece]

300041	Karditsa [Department: Greece]
300042	Larissa [Department: Greece]
300043	Magnissia [Department: Greece]
300044	Trikala [Department: Greece]
300051	Grevena [Department: Greece]
300052	Drama [Department: Greece]
300053	Imathia [Department: Greece]
300054	Thessaloniki [Department: Greece]
300055	Kavala [Department: Greece]
300056	Kastoria [Department: Greece]
300057	Kilkis [Department: Greece]
300058	Kozani [Department: Greece]
300059	Pella [Department: Greece]
300061	Pieria [Department: Greece]
300062	Serres [Department: Greece]
300063	Florina [Department: Greece]
300064	Chalkidiki and Agion Oros [Department: Greece]
300071	Evros [Department: Greece]
300072	Xanthi [Department: Greece]
300073	Rodopi [Department: Greece]
300081	Dodekanissos [Department: Greece]
300082	Kyklades [Department: Greece]
300083	Lesvos [Department: Greece]
300084	Samos [Department: Greece]
300085	Chios [Department: Greece]
300091	Iraklio [Department: Greece]
300092	Lassithi [Department: Greece]
300093	Rethymno [Department: Greece]
300094	Chania [Department: Greece]
300101	Prefecture of Athens [Department: Greece]
300102	Prefecture of East Attiki [Department: Greece]
300103	Prefecture of West Attiki [Department: Greece]
300104	Prefecture of Pireas [Department: Greece]
300996	Foreign country [Department: Greece]
300997	Response suppressed [Department: Greece]
300998	Unknown [Department: Greece]
300999	NIU (not in universe) [Department: Greece]
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]
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]
332099	NIU (not in universe) [Department: Haiti]
340001	Atlántida [Department: Honduras]
340002	Colón [Department: Honduras]
340003	Comayagua [Department: Honduras]
340004	Copán [Department: Honduras]
340005	Cortés [Department: Honduras]
340006	Choluteca [Department: Honduras]
340007	El Paraíso [Department: Honduras]
340008	Francisco Morazán [Department: Honduras]
340009	Gracias a Dios [Department: Honduras]

340010	Intibucá [Department: Honduras]
340011	Islas de la Bahía [Department: Honduras]
340012	La Paz [Department: Honduras]
340013	Lempira [Department: Honduras]
340014	Ocotepeque [Department: Honduras]
340015	Olancho [Department: Honduras]
340016	Santa Bárbara [Department: Honduras]
340017	Valle [Department: Honduras]
340018	Yoro [Department: Honduras]
340097	Abroad [Department: Honduras]
340098	Unknown [Department: Honduras]
340999	NIU (not in universe) [Department: Honduras]
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]
376001	Jerusalem [District: Israel]
376002	Northern [District: Israel]
376003	Haifa [District: Israel]
376004	Central [District: Israel]
376005	Tel-Aviv [District: Israel]
376006	Southern [District: Israel]
376071	Golan [District: Israel]
376072	Judea, Samaria and Gaza areas [District: Israel]
376098	Unknown [District: Israel]
376099	NIU (not in universe) [District: Israel]
458001	Johor [State: Malaysia]
458002	Kedah [State: Malaysia]
458003	Kelantan [State: Malaysia]
458004	Melaka [State: Malaysia]
458005	Negeri Sembilan [State: Malaysia]
458006	Pahang [State: Malaysia]
458007	Pulau Pinang [State: Malaysia]
458008	Perak [State: Malaysia]
458009	Perlis [State: Malaysia]
458010	Selangor, Kuala Lumpur Federal Territory [State: Malaysia]
458011	Terengganu [State: Malaysia]
458012	Sabah, Labuan Federal Territory [State: Malaysia]
458013	Sarawak [State: Malaysia]
458097	Other countries [State: Malaysia]
458098	Unknown [State: Malaysia]
480011	Port Louis [District: Mauritius]
480012	Pamplemousses [District: Mauritius]
480013	Rivière du Rempart [District: Mauritius]
480014	Flacq [District: Mauritius]
480015	Grand Port [District: Mauritius]
480016	Savanne [District: Mauritius]
480017	Plaines Wilhems [District: Mauritius]
480018	Moka [District: Mauritius]
480019	Black River [District: Mauritius]
480020	Rodrigues, Agaléga Islands, Saint Brandon [District: Mauritius]
480097	Abroad [District: Mauritius]

480098	Unknown [District: Mauritius]
480099	NIU [District: Mauritius]
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]
496098	Unknown [Province: Mongolia]
496099	NIU (not in universe) [Province: Mongolia]
508001	Niassa [Province: Mozambique]
508002	Cabo Delgado [Province: Mozambique]
508003	Nampula [Province: Mozambique]
508004	Zambézia [Province: Mozambique]
508005	Tete [Province: Mozambique]
508006	Manica [Province: Mozambique]
508007	Sofala [Province: Mozambique]
508008	Inhambane [Province: Mozambique]
508009	Gaza [Province: Mozambique]
508010	Maputo province [Province: Mozambique]
508011	Maputo city [Province: Mozambique]
508097	Foreign Country [Province: Mozambique][Province: Mozambique]
508098	Unknown [Province: Mozambique]
508099	NIU (not in universe) [Province: Mozambique]
524001	Mechi [Administrative Zone: Nepal]
524002	Koshi [Administrative Zone: Nepal]
524003	Sagarmatha [Administrative Zone: Nepal]

524004	Janakpur [Administrative Zone: Nepal]
524005	Bagmati [Administrative Zone: Nepal]
524006	Narayani [Administrative Zone: Nepal]
524007	Gandaki [Administrative Zone: Nepal]
524008	Dhawalagiri [Administrative Zone: Nepal]
524009	Lumbini [Administrative Zone: Nepal]
524010	Rapti [Administrative Zone: Nepal]
524011	Bheri [Administrative Zone: Nepal]
524012	Karnali [Administrative Zone: Nepal]
524013	Seti [Administrative Zone: Nepal]
524014	Mahakali [Administrative Zone: Nepal]
524097	Foreign Country [Administrative Zone: Nepal]
524098	Unknown [Administrative Zone: Nepal]
524099	NIU [Administrative Zone: Nepal]
558005	Nueva Segovia, Jinotega [Department: Nicaragua]
558020	Madriz [Department: Nicaragua]
558025	Estelí, León [Department: Nicaragua]
558030	Chinandega [Department: Nicaragua]
558040	Matagalpa, Atlantico Norte, Atlantico Sur, Zelaya [Department: Nicaragua]
558050	Boaco [Department: Nicaragua]
558055	Managua, Masaya [Department: Nicaragua]
558065	Chontales [Department: Nicaragua]
558070	Granada [Department: Nicaragua]
558075	Carazo [Department: Nicaragua]
558080	Rivas [Department: Nicaragua]
558085	Río San Juan [Department: Nicaragua]
558097	Abroad [Department: Nicaragua]
558098	Unknown [Department: Nicaragua]
558999	NIU (not in universe) [Department: Nicaragua]
598001	Western [Province: Papua New Guinea]
598002	Gulf [Province: Papua New Guinea]
598003	Central [Province: Papua New Guinea]
598004	National Capital District [Province: Papua New Guinea]
598005	Milne Bay [Province: Papua New Guinea]
598006	Northern [Province: Papua New Guinea]
598007	Southern Highlands, Hela [Province: Papua New Guinea]
598008	Enga [Province: Papua New Guinea]
598009	Western Highlands, Jiwaka [Province: Papua New Guinea]
598010	Chimbu [Province: Papua New Guinea]

598011	Eastern Highlands [Province: Papua New Guinea]
598012	Morobe [Province: Papua New Guinea]
598013	Madang [Province: Papua New Guinea]
598014	East Sepik [Province: Papua New Guinea]
598015	West Sepik [Province: Papua New Guinea]
598016	Manus [Province: Papua New Guinea]
598017	New Ireland [Province: Papua New Guinea]
598018	East New Britain [Province: Papua New Guinea]
598019	West New Britain [Province: Papua New Guinea]
598020	Autonomous Region of Bougainville [Province: Papua New Guinea]
598097	Foreign country [Province: Papua New Guinea]
598098	Unknown [Province: Papua New Guinea]
598099	NIU (not in universe) [Province: Papua New Guinea]
600001	Concepción [Department: Paraguay]
600002	San Pedro [Department: Paraguay]
600003	Cordillera [Department: Paraguay]
600004	Guaira [Department: Paraguay]
600005	Caaguazú, Canindeyú, Alto Paraná [Department: Paraguay]
600006	Caazapá [Department: Paraguay]
600007	Itapúa [Department: Paraguay]
600008	Misiones, Ñeembucú [Department: Paraguay]
600009	Paraguarí [Department: Paraguay]
600011	Central [Department: Paraguay]
600013	Amambay [Department: Paraguay]
600015	Alto Paraguay, Boquerón, Presidente Hayes [Department: Paraguay]
600019	Asunción [Department: Paraguay]
600097	Foreign Country [Department: Paraguay]
600098	Unknown [Department: Paraguay]
600999	NIU (not in universe) [Department: Paraguay]
604001	Amazonas [Department: Peru]
604002	Ancash [Department: Peru]
604003	Apurímac [Department: Peru]
604004	Arequipa [Department: Peru]
604005	Ayacucho [Department: Peru]
604006	Cajamarca [Department: Peru]
604007	Callao [Department: Peru]
604008	Cusco [Department: Peru]
604009	Huancavelica [Department: Peru]
604010	Huánuco [Department: Peru]

604011	Ica [Department: Peru]
604012	Junín [Department: Peru]
604013	La Libertad [Department: Peru]
604014	Lambayeque [Department: Peru]
604015	Lima [Department: Peru]
604016	Loreto [Department: Peru]
604017	Madre de Dios [Department: Peru]
604018	Moquegua [Department: Peru]
604019	Pasco [Department: Peru]
604020	Piura [Department: Peru]
604021	Puno [Department: Peru]
604022	San Martín [Department: Peru]
604023	Tacna [Department: Peru]
604024	Tumbes [Department: Peru]
604025	Ucayali [Department: Peru]
604097	Abroad [Department: Peru]
604099	NIU (not in universe) [Department: Peru]
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]
620111	Minho-Lima [Subregion (NUTS-3): Portugal]
620112	Cávado [Subregion (NUTS-3): Portugal]
620113	Ave [Subregion (NUTS-3): Portugal]
620114	Grande Porto [Subregion (NUTS-3): Portugal]
620115	Tâmega [Subregion (NUTS-3): Portugal]
620116	Entre Douro e Vouga [Subregion (NUTS-3): Portugal]
620117	Douro [Subregion (NUTS-3): Portugal]
620118	Alto Trás-os-Montes [Subregion (NUTS-3): Portugal]
620150	Algarve [Subregion (NUTS-3): Portugal]
620161	Baixo Vouga [Subregion (NUTS-3): Portugal]
620162	Baixo Mondego [Subregion (NUTS-3): Portugal]
620163	Pinhal Litoral [Subregion (NUTS-3): Portugal]
620165	Dão-Lafões [Subregion (NUTS-3): Portugal]
620166	Oeste [Subregion (NUTS-3): Portugal]
620167	Médio Tejo [Subregion (NUTS-3): Portugal]
620169	Other Center [Subregion (NUTS-3): Portugal]
620171	Grande Lisboa [Subregion (NUTS-3): Portugal]
620172	Península de Setúbal [Subregion (NUTS-3): Portugal]
620185	Lezíria do Tejo [Subregion (NUTS-3): Portugal]
620189	Other Alentejo [Subregion (NUTS-3): Portugal]
620200	Região Autónoma dos Açores [Subregion (NUTS-3): Portugal]
620300	Região Autónoma da Madeira [Subregion (NUTS-3): Portugal]

620998	Foreign country [Subregion (NUTS-3): Portugal]
620999	NIU (not in universe) [Subregion (NUTS-3): Portugal]
686001	Dakar [Region: Senegal]
686002	Ziguinchor [Region: Senegal]
686003	Diourbel [Region: Senegal]
686004	Saint Louis, Louga, Matam [Region: Senegal]
686005	Tambacounda, Kedougou [Region: Senegal]
686006	Kaolack, Fatick, Kaffrine [Region: Senegal]
686007	Thiès [Region: Senegal]
686010	Kolda, Sedhiou [Region: Senegal]
686097	Abroad [Region: Senegal]
686098	Unknown [Region: Senegal]
686099	NIU (not in universe) [Region: Senegal]
694011	Kailahun [District: Sierra Leone]
694012	Kenema [District: Sierra Leone]
694013	Kono [District: Sierra Leone]
694021	Bombali [District: Sierra Leone]
694022	Kambia [District: Sierra Leone]
694023	Koinadugu [District: Sierra Leone]
694024	Port Loko [District: Sierra Leone]
694025	Tonkolili [District: Sierra Leone]
694031	Bo [District: Sierra Leone]
694032	Bonthe [District: Sierra Leone]
694033	Moyamba [District: Sierra Leone]
694034	Pujehun [District: Sierra Leone]
694041	Western Rural [District: Sierra Leone]
694042	Western Urban [District: Sierra Leone]
694097	Abroad [District: Sierra Leone]
694098	Unknown [District: Sierra Leone]
694099	NIU [District: Sierra Leone]
704001	Th nh Phố H Nội, Vĩnh Phúc, Ho Bình, Phú Thọ [Province: Vietnam]
704002	H Giang, Tuyên Quang [Province: Vietnam]
704003	Cao Bằng, Bắc Kạn, Thái Nguyên [Province: Vietnam]
704010	L o Cai, Điện Biên, Lai Châu, Yên Bái [Province: Vietnam]
704014	Sơn La [Province: Vietnam]
704020	Lạng Sơn [Province: Vietnam]
704022	Quảng Ninh [Province: Vietnam]
704024	Bắc Giang, Bắc Ninh [Province: Vietnam]
704030	Hải Dương, Hưng Yên [Province: Vietnam]

704031	Th nh Phố Hải Phòng [Province: Vietnam]
704034	Thái Bình [Province: Vietnam]
704035	H Nam, Nam Định, Ninh Bình [Province: Vietnam]
704038	Thanh Hoá [Province: Vietnam]
704040	Nghệ An, H Tĩnh [Province: Vietnam]
704044	Quảng Bình [Province: Vietnam]
704045	Quảng Trị [Province: Vietnam]
704046	Thừa Thiên Huế [Province: Vietnam]
704048	Th nh Phố Đ Nẵng, Quảng Nam [Province: Vietnam]
704051	Quảng Ngãi [Province: Vietnam]
704052	Bình Định [Province: Vietnam]
704054	Phú Yên [Province: Vietnam]
704056	Khánh Ho [Province: Vietnam]
704058	Ninh Thuận, Bình Thuận [Province: Vietnam]
704062	Kon Tum, Gia Lai [Province: Vietnam]
704066	Đắk Lắk, Đắk Nông [Province: Vietnam]
704068	Lâm Đồng [Province: Vietnam]
704070	Bình Phước, Bình Dương [Province: Vietnam]
704072	Tây Ninh [Province: Vietnam]
704075	Đồng Nai, B Rịa - Vũng T u [Province: Vietnam]
704079	Th nh Phố Hồ Chí Minh [Province: Vietnam]
704080	Long An [Province: Vietnam]
704082	Tiền Giang [Province: Vietnam]
704083	Bến Tre [Province: Vietnam]
704084	Tr Vinh, Vĩnh Long [Province: Vietnam]
704087	Đồng Tháp [Province: Vietnam]
704089	An Giang [Province: Vietnam]
704091	Kiên Giang [Province: Vietnam]
704092	Th nh Phố Cần Thơ, Hậu Giang, Sóc Trăng [Province: Vietnam]
704095	Bạc Liêu, C Mau [Province: Vietnam]
704097	Foreign Country [Province: Vietnam]
704098	Unknown [Province: Vietnam]
704099	NIU [Province: Vietnam]
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	Foreign country [Communities & autonomous city: Spain]
724999	NIU [Communities & autonomous city: Spain]
780010	Port of Spain [Region: Trinidad and Tobago]
780020	San Fernando [Region: Trinidad and Tobago]
780080	Diego Martin, San Juan/Laventille, Tunapuna/Piarco, Chaguanas, Sangre Grande, Couva/Tabaquite /Talparo, Rio Claro/Mayaro, Siparia, Penal/Debe, Princess Town, Port Fontin, Caroni, St. Andrew/St. David, Victoria, St. Patrick, Arima [Region: Trinidad and Tobago]
780094	St. Paul, St. Mary, St. David, St. George, St. Patrick, St. Andrew, St. John, Tobago [Region: Trinidad and Tobago]
780098	Unknown [Region: Trinidad and Tobago]
780099	NIU (not in universe) [Region: Trinidad and Tobago]
840001	Alabama [State: United States]
840002	Alaska [State: United States]
840004	Arizona [State: United States]
840005	Arkansas [State: United States]
840006	California [State: United States]
840008	Colorado [State: United States]
840009	Connecticut [State: United States]
840010	Delaware [State: United States]
840011	District of Columbia [State: United States]
840012	Florida [State: United States]

840013	Georgia [State: United States]
840015	Hawaii [State: United States]
840016	Idaho [State: United States]
840017	Illinois [State: United States]
840018	Indiana [State: United States]
840019	Iowa [State: United States]
840020	Kansas [State: United States]
840021	Kentucky [State: United States]
840022	Louisiana [State: United States]
840023	Maine [State: United States]
840024	Maryland [State: United States]
840025	Massachusetts [State: United States]
840026	Michigan [State: United States]
840027	Minnesota [State: United States]
840028	Mississippi [State: United States]
840029	Missouri [State: United States]
840030	Montana [State: United States]
840031	Nebraska [State: United States]
840032	Nevada [State: United States]
840033	New Hampshire [State: United States]
840034	New Jersey [State: United States]
840035	New Mexico [State: United States]
840036	New York [State: United States]
840037	North Carolina [State: United States]
840038	North Dakota [State: United States]
840039	Ohio [State: United States]
840040	Oklahoma [State: United States]
840041	Oregon [State: United States]
840042	Pennsylvania [State: United States]
840044	Rhode Island [State: United States]
840045	South Carolina [State: United States]
840046	South Dakota [State: United States]
840047	Tennessee [State: United States]
840048	Texas [State: United States]
840049	Utah [State: United States]
840050	Vermont [State: United States]
840051	Virginia [State: United States]
840053	Washington [State: United States]
840054	West Virginia [State: United States]

840055	Wisconsin [State: United States]
840056	Wyoming [State: United States]
840097	Abroad [State: United States]
840098	Unknown [State: United States]
840999	NIU (not in universe) [State: United States]
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\_5 indicates the major administrative unit in which the person resided five years prior to the survey. Only intra-national migrations are recorded; however, the variable incorporates geographies for every country that lists place of residence five years ago, to enable comparative analysis of subnational migration. Foreign migrants are coded 097 or 997. Codes for GEOMIG1\_5 match the geographic codes in GEOLEV1 (current place of residence). For similar information for different time intervals since migration, see variables GEOMIG1\_P, GEOMIG1\_1, and GEOMIG1\_10. More on migration and geography can be found [here](#).

## concept

### CONCEPT

var_concept.title	Vocabulary
Migration: Global Variables -- PERSON	IPUMS

## IND: Industry, unrecoded

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Continuous    Decimal: 0    Width: 5    Range: -    Format: Numeric

## description

### DEFINITION

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

**concept**

## CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Work Variables -- PERSON	IPUMS

**Imputation and derivation**

## DERIVATION

IND is a 5-digit numeric variable.

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

CodesArgentina 1970 - Spanish

Argentina 1980 - Spanish

Argentina 1991 - Spanish

Argentina 2001 - Spanish

Armenia 2001

Armenia 2011

Austria 1971-2001 - German

Austria 2011

Bangladesh 1991

Bangladesh 2001

Bangladesh 2011

Belarus 2009

Benin 1979

Benin 1992

Benin 2002

Benin 2013

Bolivia 1976

Bolivia 1992

Bolivia 2001

Bolivia 2012

Botswana 1981

Botswana 1991

Botswana 2001

Botswana 2011

Brazil 1960 - Portuguese

Brazil 1970 - Portuguese

Brazil 1980 - Portuguese

Brazil 1991 - Portuguese

Brazil 2000 - Portuguese

Brazil 2010

Burkina Faso 1996

Cambodia 1998

Cambodia 2004

Cambodia 2008

Cambodia 2013

Cambodia 2019

Cameroon 2005

Canada 1971

Canada 1981

Canada 1991-2001

Canada 2011

Chile 1960

Chile 1970

Chile 1982  
Chile 1992  
Chile 2002  
Chile 2017  
China 1982  
China 1990  
China 2000  
Colombia 1964 - Spanish  
Colombia 1973 - Spanish  
Colombia 1993 - Spanish  
Colombia 2005 - Spanish  
Costa Rica 1963  
Costa Rica 1973  
Costa Rica 1984  
Costa Rica 2000  
Costa Rica 2011  
Cote d'Ivoire 1988  
Cote d'Ivoire 1998  
Cuba 2002  
Cuba 2012  
Dominican Republic 1960  
Dominican Republic 1970  
Dominican Republic 1981  
Dominican Republic 2002  
Dominican Republic 2010  
Ecuador 1962  
Ecuador 1982  
Ecuador 1990  
Ecuador 2001  
Ecuador 2010  
Egypt 1986  
Egypt 1996  
Egypt 2006  
El Salvador 1992  
El Salvador 2007  
Ethiopia 1984  
Ethiopia 1994  
Fiji 1966  
Fiji 1976  
Fiji 1986  
Fiji 1996  
Fiji 2007  
Fiji 2014  
Finland 2010  
France 1962-1968 - French  
France 1975-1982 - French  
France 1990 - French  
France 1999  
France 2006  
France 2011  
Germany 1970  
Germany 1971  
Germany 1981  
Germany 1987  
Ghana 1984  
Ghana 2000  
Ghana 2010  
Greece 1971  
Greece 1981  
Greece 1991-2001  
Greece 2011  
Guatemala 1964

Guatemala 1973  
Guatemala 1981  
Guatemala 1994  
Guatemala 2002  
Guinea 1983  
Guinea 2014  
Haiti 1971  
Haiti 1982  
Haiti 2003  
Honduras 1961  
Honduras 1974  
Honduras 2001  
Hungary 2001  
Hungary 2011  
India 1983  
India 1987  
India 1993  
India 1999  
India 2004  
India 2009  
Indonesia 1971  
Indonesia 1976  
Indonesia 1980  
Indonesia 1985  
Indonesia 1990  
Indonesia 1995  
Indonesia 2000  
Indonesia 2005  
Indonesia 2010  
Iran 2006  
Iran 2011  
Iraq 1997  
Ireland 1971  
Ireland 1981  
Ireland 1986  
Ireland 1991  
Ireland 1996  
Ireland 2002  
Ireland 2006  
Ireland 2011  
Ireland 2016  
Israel 1972  
Israel 1983  
Israel 1995  
Israel 2008  
Italy 2001  
Italy 2011  
Italy Surveys 2011-2013  
Italy Surveys 2014-2020  
Jamaica 1982  
Jamaica 1991  
Jamaica 2001  
Jordan 2004  
Kyrgyz Republic 1999  
Kyrgyz Republic 2009  
Laos 1995  
Laos 2005  
Laos 2015  
Lesotho 2006  
Liberia 1974  
Liberia 2008  
Malawi 1987

Malawi 1998  
Malawi 2008  
Malaysia 1970  
Malaysia 1980-1991  
Malaysia 2000  
Mali 1987  
Mali 1998  
Mali 2009  
Mauritius 1990  
Mauritius 2000  
Mauritius 2011  
Mexico 1960 - Spanish  
Mexico 1970 - Spanish  
Mexico 1990 - Spanish  
Mexico 1995 - Spanish  
Mexico 2000 - Spanish  
Mexico 2010  
Mexico 2015  
Mexico 2020  
Mexico surveys 2005-2019  
Morocco 1982  
Morocco 1994  
Morocco 2004  
Morocco 2014  
Mozambique 1997  
Mozambique 2007  
Myanmar 2014  
Nepal 2001  
Nepal 2011  
Netherlands 1960  
Netherlands 1971  
Netherlands 2001  
Netherlands 2011  
Nicaragua 1971  
Nicaragua 1995  
Nicaragua 2005  
Nigeria 2006  
Nigeria 2007  
Nigeria 2008  
Nigeria 2009  
Nigeria 2010  
Pakistan 1973  
Palestine 1997  
Palestine 2007  
Palestine 2017  
Panama 1960 - Spanish  
Panama 1970-1980 - Spanish  
Panama 1990-2000 - Spanish  
Panama 2010  
Papua New Guinea 1980  
Papua New Guinea 2000  
Paraguay 1962  
Paraguay 1972  
Paraguay 1982  
Paraguay 1992  
Paraguay 2002  
Peru 1993  
Peru 2007  
Peru 2017  
Philippines 1990  
Philippines 1995  
Philippines 2000

Philippines 2010  
Poland 1978  
Poland 2002  
Portugal 1981 - Portuguese  
Portugal 1991-2001 - Portuguese  
Portugal 2011  
Puerto Rico 1970-2005  
Puerto Rico 2010  
Puerto Rico 2015  
Puerto Rico 2020  
Romania 1977  
Romania 1992  
Romania 2002  
Romania 2011  
Rwanda 2002 - French  
Rwanda 2012  
Saint Lucia 1991  
Senegal 1988  
Senegal 2013  
Sierra Leone 2004  
South Africa 1996  
South Africa 2001-2007  
South Sudan 2008  
Spain 1981 - Spanish  
Spain 1991 - Spanish  
Spain 2001 - Spanish  
Spain 2011  
Spain Surveys 2005-2020  
Sudan 2008  
Suriname 2004  
Suriname 2012  
Switzerland 1970-2000  
Switzerland 2011  
Tanzania 2002  
Tanzania 2012  
Thailand 1970  
Thailand 1980  
Thailand 1990  
Thailand 2000  
Togo 1970  
Togo 2010  
Trinidad and Tobago 1980  
Trinidad and Tobago 1990  
Trinidad and Tobago 2000  
Turkey 1985  
Turkey 1990  
Turkey 2000  
Uganda 2002  
United Kingdom 1961  
United Kingdom 1971  
United Kingdom 1991  
United Kingdom 2001  
United States 1960  
United States 1970  
United States 1980  
United States 1990  
United States 2000-2005  
United States 2010  
United States 2015  
United States 2020  
Uruguay 1963  
Uruguay 1985

Uruguay 1996  
 Uruguay 2006  
 Venezuela 1981  
 Venezuela 1990  
 Venezuela 2001 - Spanish  
 Vietnam 1989  
 Vietnam 1999  
 Vietnam 2009  
 Vietnam 2019  
 Zambia 1990  
 Zambia 2000  
 Zambia 2010

## INDGEN: Industry, general recode

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## MIG1\_5\_VN: Province of residence 5 years ago, Vietnam; consistent boundaries, GIS

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 6    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category
704001	Th nh Phố H Nội, Vĩnh Phúc, Ho Bình, Phú Thọ
704002	H Giang, Tuyên Quang
704003	Cao Bằng, Bắc Kạn, Thái Nguyên
704010	L o Cai, Điện Biên, Lai Châu, Yên Bái
704014	Sơn La
704020	Lạng Sơn
704022	Quảng Ninh
704024	Bắc Giang, Bắc Ninh
704030	Hải Dương, Hưng Yên
704031	Th nh Phố Hải Phòng
704034	Thái Bình
704035	H Nam, Nam Định, Ninh Bình
704038	Thanh Hoá
704040	Nghệ An, H Tĩnh
704044	Quảng Bình
704045	Quảng Trị

704046	Thừa Thiên Huế
704048	Thị trấn Phố Đ. Nẵng, Quảng Nam
704051	Quảng Ngãi
704052	Bình Định
704054	Phú Yên
704056	Khánh Hòa
704058	Ninh Thuận, Bình Thuận
704062	Kon Tum, Gia Lai
704066	Đắk Lắk, Đắk Nông
704068	Lâm Đồng
704070	Bình Phước, Bình Dương
704072	Tây Ninh
704075	Đồng Nai, Bà Rịa - Vũng Tàu
704079	Thị trấn Phố Hồ Chí Minh
704080	Long An
704082	Tiền Giang
704083	Bến Tre
704084	Tr Vinh, Vĩnh Long
704087	Đồng Tháp
704089	An Giang
704091	Kiên Giang
704092	Thị trấn Phố Cần Thơ, Hậu Giang, Sóc Trăng
704095	Bạc Liêu, Cà Mau
704097	Foreign Country
704098	Unknown
704099	NIU

## description

### DEFINITION

MIG1\_5\_VN indicates the person's province and region of residence within Vietnam five years prior to the census. Migration province codes from MIG1\_5\_VN are compatible with codes from GEO1\_VN.

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

var_concept.title	Vocabulary
Migration: O-Z Variables -- PERSON	IPUMS

**MIG2\_5\_VN: District of residence 5 years ago, Vietnam; consistent boundaries, GIS****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 9    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
704001001	Ba Đình
704001002	Ho n Kiếm
704001003	Tây Hồ
704001004	Long Biên
704001005	Cầu Giấy
704001006	Đống Đa
704001007	Hai B Trung
704001008	Ho ng Mai (H Nội)
704001009	Thanh Xuân
704001016	Sóc Sơn
704001017	Đông Anh
704001018	Gia Lâm
704001019	Nam Từ Liêm, Bắc Từ Liêm
704001020	Thanh Trì
704001148	Hòa Bình
704001150	Đ Bắc
704001151	Kỳ Sơn (Ho Bình)
704001152	Lương Sơn
704001153	Kim Bôi
704001154	Cao Phong
704001155	Tân Lạc
704001156	Mai Châu
704001157	Lạc Sơn
704001158	Yên Thủy
704001159	Lạc Thủy
704001227	Việt Trì
704001228	Phú Thọ
704001230	Đoan Hùng
704001231	Hạ Ho

704001232	Thanh Ba
704001233	Phù Ninh
704001234	Yên Lập
704001235	Cẩm Khê
704001236	Tam Nông (Phú Thọ)
704001237	Lâm Thao
704001238	Thanh Sơn
704001239	Thanh Thủy
704001240	Tân Sơn
704001243	Vĩnh Yên
704001244	Phúc Yên
704001246	Lập Thạch
704001247	Tam Dương
704001248	Tam Đảo
704001249	Bình Xuyên
704001250	Mê Linh
704001251	Yên Lạc
704001252	Vĩnh Tường
704001253	Sông Lô
704001268	H Đông
704001269	Sơn Tây (H Nội)
704001271	Ba Vì
704001272	Phúc Thọ
704001273	Đan Phượng
704001274	Ho i Đức
704001275	Quốc Oai
704001276	Thạch Thất
704001277	Chương Mỹ
704001278	Thanh Oai
704001279	Thường Tín
704001280	Phú Xuyên
704001281	Ứng Hòa
704001282	Mỹ Đức
704002024	H Giang
704002026	Đông Văn
704002027	Mèo Vạc
704002028	Yên Minh
704002029	Quản Bạ
704002030	Vị Xuyên

704002031	Bắc Mê
704002032	Hoàng Su
704002033	Xín Mần
704002034	Bắc Quang
704002035	Quang Bình
704002070	Tuyên Quang
704002073	Chiêm Hóa, Lâm Bình, N Hang
704002074	Hàm Yên
704002075	Yên Sơn
704002076	Sơn Dương
704003040	Cao Bằng
704003042	Bảo Lâm (Cao Bằng)
704003043	Bảo Lạc
704003044	Thông Nông
704003045	Hàng Quảng
704003046	Trần Lĩnh
704003047	Trùng Khánh
704003048	Hạ Lang
704003049	Quảng Uyên
704003050	Phục Hồ
704003051	Hoà An
704003052	Nguyễn Bình
704003053	Thạch An
704003058	Bắc Kạn
704003060	Pác Nặm
704003061	Ba Bể
704003062	Ngân Sơn
704003063	Bạch Thông
704003064	Chợ Đồn
704003065	Chợ Mới (Bắc Kạn)
704003066	Na Rì
704003164	Thái Nguyên
704003165	Sông Công
704003167	Định Hóa
704003168	Phú Lương
704003169	Đồng Hỷ
704003170	Võ Nhai
704003171	Đại Từ
704003172	Phổ Yên

704003173	Phú Bình
704010080	L o Cai
704010082	Bát Xát
704010083	Mường Khương
704010084	Si Ma Cai
704010085	Bắc H
704010086	Bảo Thắng
704010087	Bảo Yên
704010088	Sa Pa
704010089	Văn B n
704010094	Điện Biên Phủ
704010098	Tủa Chùa
704010099	Tuần Giáo
704010100	Điện Biên
704010101	Điện Biên Đông
704010102	Mường Ảng
704010103	Nậm Pồ, Mường Ch , Mường Nhé, Mường Lay
704010105	Lai Châu
704010106	Tam Đường
704010108	Sìn Hồ, Mường Tè, Nậm Nhùn
704010109	Phong Thổ
704010110	Than Uyên
704010111	Tân Uyên (Lai Châu)
704010132	Yên Bái
704010133	Nghĩa Lộ
704010135	Lục Yên
704010136	Văn Yên
704010137	Mù Cang
704010138	Trấn Yên
704010139	Trạm Tấu
704010140	Văn Chấn
704010141	Yên Bình
704014116	Sơn La
704014118	Quỳnh Nhai
704014119	Thuận Châu
704014120	Mường La
704014121	Bắc Yên
704014122	Phù Yên
704014123	Mộc Châu, Vân Hồ

704014124	Yên Châu
704014125	Mai Sơn
704014126	Sông Mã
704014127	Sốp Cộp
704020178	Lạng Sơn
704020180	Trng Định
704020181	Bình Gia
704020182	Văn Lãng
704020183	Cao Lộc
704020184	Văn Quan
704020185	Bắc Sơn
704020186	Hữu Lũng
704020187	Chi Lăng
704020188	Lộc Bình
704020189	Đình Lập
704022193	Hạ Long
704022194	Móng Cái
704022195	Cẩm Phả
704022196	Uông Bí
704022198	Bình Liêu
704022199	Tiên Yên
704022200	Đầm H
704022201	Hải H
704022202	Ba Chẽ
704022203	Vân Đồn, Cô Tô
704022204	Ho nh Bô
704022205	Đông Triều
704022206	Quảng Yên
704024213	Bắc Giang
704024215	Yên Thế
704024216	Tân Yên
704024217	Lạng Giang
704024218	Lục Nam
704024219	Lục Ngạn
704024220	Sơn Động
704024221	Yên Dũng
704024222	Việt Yên
704024223	Hiệp Hòa
704024256	Bắc Ninh

704024258	Yên Phong
704024259	Quế Võ
704024260	Tiên Du
704024261	Từ Sơn
704024262	Thuận Thành
704024263	Gia Bình
704024264	Lương Tài
704030288	Hải Dương
704030290	Chí Linh
704030291	Nam Sách
704030292	Kinh Môn
704030293	Kim Thành
704030294	Thanh Hà
704030295	Cẩm Giàng
704030296	Bình Giang
704030297	Gia Lộc
704030298	Tứ Kỳ
704030299	Ninh Giang
704030300	Thanh Miện
704030323	Hung Yên
704030325	Văn Lâm
704030326	Văn Giang
704030327	Yên Mỹ
704030328	Mỹ Hào
704030329	Ân Thi
704030330	Khoái Châu
704030331	Kim Động
704030332	Tiên Lữ
704030333	Phù Cừ
704031303	Hồng Bàng
704031304	Ngô Quyền
704031305	Lê Chân
704031306	Hải An
704031307	Kiến An
704031308	Đỗ Sơn
704031309	Dương Kinh
704031311	Thủy Nguyên
704031312	An Dương
704031313	An Lão (Hải Phòng)

704031314	Kiến Thủy
704031315	Tiên Lăng
704031316	Vĩnh Bảo
704031317	Cát Hải, Bạch Long Vĩ
704034336	Thái Bình
704034338	Quỳnh Phụ
704034339	Hưng H
704034340	Đông Hưng
704034341	Thái Thụy
704034342	Tiền Hải
704034343	Kiến Xương
704034344	Vũ Thư
704035347	Phủ Lý
704035349	Duy Tiên
704035350	Kim Bảng
704035351	Thanh Liêm
704035352	Bình Lục
704035353	Lý Nhân
704035356	Nam Định
704035358	Mỹ Lộc
704035359	Vụ Bản
704035360	Ý Yên
704035361	Nghĩa Hưng
704035362	Nam Trực
704035363	Trực Ninh
704035364	Xuân Trường
704035365	Giao Thủy
704035366	Hải Hậu
704035369	Ninh Bình
704035370	Tam Điệp
704035372	Nho Quan
704035373	Gia Viễn
704035374	Hoa Lư
704035375	Yên Khánh
704035376	Kim Sơn
704035377	Yên Mô
704038380	Thanh Hóa
704038381	Bỉm Sơn
704038382	Sầm Sơn

704038384	Mường Lát
704038385	Quan Hóa
704038386	Bá Thước
704038387	Quan Sơn
704038388	Lang Chánh
704038389	Ngọc Lặc
704038390	Cẩm Thủy
704038391	Thạch Th nh
704038392	H Trung
704038393	Vĩnh Lộc
704038394	Yên Định
704038395	Thọ Xuân
704038396	Thường Xuân
704038397	Triệu Sơn
704038398	Thiệu Hóa
704038399	Hoàng Hóa
704038400	Hậu Lộc
704038401	Nga Sơn
704038402	Như Xuân
704038403	Như Thanh
704038404	Nông Cống
704038405	Đông Sơn
704038406	Quảng Xương
704038407	Tĩnh Gia
704040412	Vinh
704040413	Cửa Lò
704040414	Thái Ho
704040415	Quế Phong
704040416	Quỳ Châu
704040417	Kỳ Sơn (Nghệ An)
704040418	Tương Dương
704040419	Nghĩa Đ n
704040420	Quỳ Hợp
704040421	Quỳnh Lưu, Ho ng Mai (Nghệ An)
704040422	Con Cuông
704040423	Tân Kỳ
704040424	Anh Sơn
704040425	Diễn Châu
704040426	Yên Th nh

704040427	Đô Lương
704040428	Thanh Chương
704040429	Nghi Lộc
704040430	Nam Đ n
704040431	Hung Nguyên
704040436	H Tĩnh
704040437	Hồng Lĩnh
704040439	Hương Sơn
704040440	Đức Thọ
704040441	Vũ Quang
704040442	Nghi Xuân
704040443	Can Lộc
704040444	Hương Khê
704040445	Thạch H
704040446	Cẩm Xuyên
704040447	Kỳ Anh, Kỳ Anh (Thị xã)
704040448	Lộc H
704044450	Đồng Hới
704044452	Minh Hóa
704044453	Tuyên Hóa
704044454	Quảng Trạch, Ba Đồn
704044455	Bố Trạch
704044456	Quảng
704044457	Lệ Thủy
704045461	Đồng H
704045462	Quảng Trị
704045464	Vĩnh Linh, Cồn Cỏ
704045465	Hương Hóa
704045466	Gio Linh
704045467	Đa Krông
704045468	Cam Lộ
704045469	Triệu Phong
704045470	Hải Lăng
704046474	Huế
704046476	Phong Điền (Thừa Thiên Huế)
704046477	Quảng Điền
704046478	Phú Vang
704046479	Hương Thủy
704046480	Hương Tr

704046481	A Lưới
704046482	Phú Lộc
704046483	Nam Đông
704048490	Liên Chiểu
704048491	Thanh Khê
704048492	Hải Châu
704048493	Sơn Tr
704048494	Ngũ H nh Sơn
704048495	Cẩm Lệ
704048497	Hòa Vang
704048498	Ho ng Sa
704048502	Tam Kỳ
704048503	Hội An
704048504	Tây Giang
704048505	Đông Giang
704048506	Đại Lộc
704048507	Điện B n
704048508	Duy Xuyên
704048509	Quế Sơn
704048510	Nam Giang
704048511	Phước Sơn
704048512	Hiệp Đức
704048513	Thăng Bình
704048514	Tiên Phước
704048515	Bắc Tr My
704048516	Nam Tr My
704048517	Núi Th nh
704048518	Phú Ninh
704048519	Nông Sơn
704048999	Th nh Phố Đ Nẵng, Quảng Nam provinces, unknown district
704051522	Quảng Ngãi
704051524	Bình Sơn, Lý Sơn
704051525	Tr Bồng
704051526	Tây Tr
704051527	Sơn Tịnh
704051528	Tư Nghĩa
704051529	Sơn H
704051530	Sơn Tây (Quảng Ngãi)
704051532	Nghĩa H nh, Minh Long

704051533	Mộ Đức
704051534	Đức Phổ
704051535	Ba Tơ
704052540	Quy Nhơn
704052542	An Lão (Bình Định)
704052543	Ho i Nhơn
704052544	Ho i Ân
704052545	Phù Mỹ
704052546	Vĩnh Thạnh (Bình Định)
704052547	Tây Sơn
704052548	Phù Cát
704052549	An Nhơn
704052550	Tuy Phước
704052551	Vân Canh
704054555	Tuy Ho
704054557	Sông Cầu
704054558	Đồng Xuân
704054559	Tuy An
704054560	Sơn Hòa
704054561	Sông Hinh
704054562	Tây Ho
704054563	Phú Ho
704054564	Đồng Hòa
704056568	Nha Trang
704056569	Cam Ranh, Trường Sa
704056570	Cam Lâm
704056571	Vạn Ninh
704056572	Ninh Hòa
704056573	Khánh Vĩnh
704056574	Diên Khánh
704056575	Khánh Sơn
704056998	Khánh Ho province, unknown district
704058582	Phan Rang - Tháp Ch m
704058584	Bác Ái
704058585	Ninh Sơn
704058586	Ninh Hải
704058587	Ninh Phước, Thuận Nam
704058588	Thuận Bắc
704058593	Phan Thiết

704058594	La Gi
704058595	Tuy Phong
704058596	Bắc Bình
704058597	H m Thuận Bắc
704058598	H m Thuận Nam
704058599	Tánh Linh
704058600	Đức Linh
704058601	H m Tân
704058602	Phú Quý
704062608	Kon Tum
704062610	Đắk Glei
704062611	Ngọc Hồi
704062612	Đắk Tô
704062613	Kon Plông
704062614	Kon Rẫy
704062615	Đắk H
704062616	Sa Thầy, Ia H' Draï
704062617	Tu Mơ Rông
704062622	Pleiku
704062623	An Khê
704062624	Ayun Pa
704062625	KBang
704062626	Đắk Đoa
704062628	Ia Grai
704062629	Mang Yang
704062630	Kông Chro
704062631	Đức Cơ
704062632	Chư Prông
704062633	Chư Sê, Chư Puh
704062634	Đắk Pơ
704062635	Ia Pa
704062637	Krông Pa
704062638	Phú Thiện
704062639	Chư Păh
704066643	Buôn Ma Thuột
704066645	Ea H'leo
704066646	Ea Súp
704066647	Buôn Đôn
704066648	Cư M'gar

704066649	Krông Búk, Buôn Hồ
704066650	Krông Năng
704066651	Ea Kar
704066652	M'Đrắk
704066653	Krông Bông
704066654	Krông Pắc
704066655	Krông A Na
704066656	Lắk
704066657	Cư Kuin
704066660	Gia Nghĩa
704066661	Đăk Glong
704066662	Cư Jút
704066663	Đăk Mil
704066664	Krông Nô
704066665	Đăk Song
704066666	Đăk R'Lấp
704066667	Tuy Đức
704068672	Đ Lạt
704068673	Bảo Lộc
704068674	Đam Rông
704068675	Lạc Dương
704068676	Lâm H
704068677	Đơn Dương
704068678	Đức Trọng
704068679	Linh
704068680	Bảo Lâm (Lâm Đồng)
704068681	Đạ Huoai
704068682	Đạ Tẻh
704068683	Cát Tiên
704070689	Đồng Xo i
704070692	Lộc Ninh
704070693	Bù Đốp
704070694	Hớn Quản, Bình Long
704070695	Đồng Phú
704070696	Bù Đăng
704070697	Chơn Th nh
704070698	Phú Riềng, Bù Gia Mập, Phước Long (Bình Phước)
704070718	Thủ Dầu Một
704070720	Dầu Tiếng

704070721	Bến Cát, B u B ng
704070722	Phú Giáo
704070723	Tân Uyên (Bình Dương), Bắc Tân Uyên
704070724	Dĩ An
704070725	Thuận An
704072703	Tây Ninh
704072705	Tân Biên
704072706	Tân Châu (Tây Ninh)
704072707	Dương Minh Châu
704072708	Châu Th nh (Tây Ninh)
704072709	Hòa Th nh
704072710	Gò Dầu
704072711	Bến Cầu
704072712	Trảng B ng
704075731	Biên Hòa
704075732	Long Khánh
704075734	Tân Phú (Đồng Nai)
704075735	Vĩnh Cửu
704075736	Định Quán
704075737	Trảng Bom
704075738	Thống Nhất
704075739	Cẩm Mỹ
704075740	Long Th nh
704075741	Xuân Lộc
704075742	Nhơn Trạch
704075747	Vũng T u, Côn Đảo
704075748	B Rịa
704075750	Châu Đức
704075751	Xuyên Mộc
704075752	Long Điền
704075753	Đất Đỏ
704075754	Phú Mỹ
704079760	Quận 1
704079761	Quận 12
704079762	Thủ Đức
704079763	Quận 9
704079764	Gò Vấp
704079765	Bình Thạnh
704079766	Tân Bình

704079767	Tân Phú (Hồ Chí Minh)
704079768	Phú Nhuận
704079769	Quận 2
704079770	Quận 3
704079771	Quận 10
704079772	Quận 11
704079773	Quận 4
704079774	Quận 5
704079775	Quận 6
704079776	Quận 8
704079777	Bình Tân (Hồ Chí Minh)
704079778	Quận 7
704079783	Củ Chi
704079784	Hóc Môn
704079785	Bình Chánh
704079786	Nh Bè
704079787	Cần Giở
704080794	Tân An
704080795	Kiến Tường, Mộc Hóa
704080796	Tân Hưng
704080797	Vĩnh Hưng
704080799	Tân Thạnh
704080800	Thạnh Hóa
704080801	Đức Huệ
704080802	Đức Hòa
704080803	Bến Lức
704080804	Thủ Thừa
704080805	Tân Trụ
704080806	Cần Đước
704080807	Cần Giuộc
704080808	Châu Thành (Long An)
704082815	Mỹ Tho
704082816	Gò Công
704082818	Tân Phước
704082819	Cái Bè
704082820	Cai Lậy, Cai Lậy (Thị xã)
704082821	Châu Thành (Tiền Giang)
704082822	Chợ Gạo
704082823	Gò Công Tây

704082824	Gò Công Đông
704082825	Tân Phú Đông
704083829	Bến Tre
704083831	Châu Thành (Bến Tre)
704083832	Chợ Lách
704083833	Mỏ Cày Nam, Mỏ Cày Bắc
704083834	Giồng Trôm
704083835	Bình Đại
704083836	Ba Tri
704083837	Thạnh Phú
704084842	Tr Vinh
704084844	Càng Long
704084845	Cầu Kè
704084846	Tiểu Cần
704084847	Châu Thành (Tr Vinh)
704084848	Cầu Ngang
704084849	Tr Cú
704084850	Duyên Hải, Duyên Hải (Thị xã)
704084855	Vĩnh Long
704084857	Long Hồ
704084858	Mang Thít
704084859	Vũng Liêm
704084860	Tam Bình
704084861	Bình Minh
704084862	Tr Ôn
704084863	Bình Tân (Vĩnh Long)
704087866	Cao Lãnh
704087867	Sa Đéc
704087869	Tân Hồng
704087870	Hồng Ngự, Hồng Ngự (Thị xã)
704087871	Tam Nông (Đồng Tháp)
704087872	Tháp Mười
704087873	Cao Lãnh (Thị xã)
704087874	Thanh Bình
704087875	Lấp Vò
704087876	Lai Vung
704087877	Châu Thành (Đồng Tháp)
704089883	Long Xuyên
704089884	Châu Đốc

704089886	An Phú
704089887	Tân Châu (An Giang)
704089888	Phú Tân (An Giang)
704089889	Châu Phú
704089890	Tịnh Biên
704089891	Tri Tôn
704089892	Châu Th nh (An Giang)
704089893	Chợ Mới (An Giang)
704089894	Thoại Sơn
704091899	Rạch Giá
704091900	H Tiên
704091902	Kiên Lương, Giang Th nh
704091903	Hòn Đất
704091904	Tân Hiệp
704091905	Châu Th nh (Kiên Giang)
704091906	Giồng Riềng
704091907	Gò Quao
704091908	An Biên
704091909	An Minh
704091910	Vĩnh Thuận
704091911	Phú Quốc, Kiên Hải
704091913	U Minh Thượng
704092916	Ninh Kiều
704092917	Ô Môn
704092918	Bình Thủy
704092919	Cái Răng
704092923	Thốt Nốt
704092924	Vĩnh Thạnh (Cần Thơ)
704092925	Cờ Đỏ
704092926	Phong Điền (Cần Thơ)
704092927	Thới Lai
704092930	Vị Thanh
704092931	Ngã Bảy
704092932	Châu Th nh A
704092933	Châu Th nh (Hậu Giang)
704092934	Phụng Hiệp
704092935	Vị Thủy
704092936	Long Mỹ, Long Mỹ (Thị xã)
704092941	Sóc Trăng

704092942	Châu Thành (Sóc Trăng)
704092943	Kế Sách
704092944	Mỹ Tú
704092945	Cù Lao Dung
704092947	Mỹ Xuyên, Long Phú, Trần Đề
704092948	Ngã Năm
704092949	Thạnh Trị
704092950	Vĩnh Châu
704095954	Bạc Liêu
704095956	Hồng Dân
704095957	Phước Long
704095958	Vĩnh Lợi
704095959	Giá Rai
704095960	Đông Hải
704095961	Ho Bình
704095964	C Mau
704095966	U Minh
704095967	Thới Bình
704095968	Trần Văn Thời
704095969	Cái Nước
704095970	Đầm Dơi
704095971	Năm Căn
704095972	Phú Tân (C Mau)
704095973	Ngọc Hiển
704097097	Abroad
704098098	Unknown
704099099	NIU (not in universe)

## description

### DEFINITION

MIG2\_5\_VN indicates the person's district of residence, 5 years ago within Vietnam. Migration district codes for MIG2\_5\_VN are compatible with codes for GEO2\_VN.

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

var_concept.title	Vocabulary
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Migration: O-Z Variables -- PERSON

IPUMS

**MIGCAUSE: Reason for migration****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    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

var_concept.title	Vocabulary
Migration: Global Variables -- PERSON	IPUMS

## MIGRATE5: Migration status, 5 years

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

MIGRATE5 indicates the person's place of residence 5 years ago. The first digit records movement across major administrative divisions and countries. The second digit reports movement across minor administrative divisions, for samples in which that detail is available.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Migration: Global Variables -- PERSON	IPUMS

**WRKAVAIL: Available to work****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	Yes
2	No
8	Unknown

9	NIU (Not in universe)
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## description

### DEFINITION

WRKAVAIL indicates whether a person is available to work (readiness) within a short period of time.

## concept

### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## DISABLED: Disability status

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

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

## description

### DEFINITION

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

## concept

### CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**DISBLND: Blind or vision-impaired**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**DISCARE: Personal care limitation**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	NIU (not in universe)
1	Yes, personal care limitation
2	No personal care limitation
9	Unknown

**description**

## DEFINITION

DISCARE indicates whether the respondent had any permanent condition that made it difficult for him/her to take care of their personal needs.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**DISDEAF: Deaf or hearing-impaired**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**DISMNTL: Mental disability**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

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

**concept**

## CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**DISMOBIL: Disability limiting ability to walk****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

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

**description**

## DEFINITION

DISMOBIL indicates whether the person has difficulty walking or climbing stairs.

## concept

### CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

## DISMUTE: Mute or speech impaired

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category
0	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

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

## WGCARE: Difficulty with self-care (Washington group)

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	No difficulty
2	Some difficulty
3	A lot of difficulty
4	Cannot do at all
8	Unknown
9	NIU (not in universe)

### description

#### DEFINITION

WGCARE indicates the person's level of difficulty in caring for herself or himself, related to activities such as dressing or bathing.

### concept

#### CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

## WGCOGN: Difficulty remembering or concentrating (Washington group)

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	No difficulty
2	Some difficulty
3	A lot of difficulty
4	Cannot do at all
8	Unknown
9	NIU (not in universe)

## description

---

### DEFINITION

WGCOGN indicates the person's level of difficulty in remembering or concentrating.

## concept

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### CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

---

## WGCOMM: Difficulty communicating (Washington group)

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

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### CATEGORIES

Value	Category
1	No difficulty
2	Some difficulty
3	A lot of difficulty
4	Cannot do at all
8	Unknown
9	NIU (not in universe)

## description

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### DEFINITION

WGCOMM indicates the person's level of difficulty in communicating, related to being understood or understanding, even in a usual language.

## concept

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### CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

---

**VN2019A\_AGE: Age****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 1. Information on household members

5. At present, what is solar calendar age of [the respondent]?

Completed age \_\_

## CATEGORIES

Value	Category
000	Less than 1 year
001	1 year
002	2 years
003	3
004	4
005	5
006	6
007	7
008	8
009	9
010	10
011	11
012	12
013	13
014	14
015	15
016	16
017	17
018	18
019	19
020	20
021	21
022	22
023	23
024	24
025	25

026	26
027	27
028	28
029	29
030	30
031	31
032	32
033	33
034	34
035	35
036	36
037	37
038	38
039	39
040	40
041	41
042	42
043	43
044	44
045	45
046	46
047	47
048	48
049	49
050	50
051	51
052	52
053	53
054	54
055	55
056	56
057	57
058	58
059	59
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061	61
062	62
063	63
064	64

065	65
066	66
067	67
068	68
069	69
070	70
071	71
072	72
073	73
074	74
075	75
076	76
077	77
078	78
079	79
080	80
081	81
082	82
083	83
084	84
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086	86
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091	91
092	92
093	93
094	94
095	95
096	96
097	97
098	98
099	99
100	100
101	101
102	102
103	103

104	104
105	105
106	106
107	107
108	108
109	109+ years

## INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

**Question 5: How old is [the respondent] now according to the solar calendar?**

This question is only asked and recorded for people who cannot remember the year of birth in order to collect information about the rounded solar age of DTD. Therefore, when DTD answers about their age, DTV has to ask "Is it the lunar or solar age?" If DTD answers the lunar age, DTV must subtract 1 to get the solar age and write the information in the box.

When DTD cannot remember their age, DTV can refer to relevant records and documents or discusses further with other members of the household to record the age or probe to estimate the age. It is possible to probe by comparing the age of DTD with the age of someone in the household or the age of the people around whose exact age is known.

If the age probing measures do not work, DTV must estimate the age of DTD by observing DTD, that is observing the appearance of DTD combined with the age of DTD's children, spouse, etc. to estimate the approximate age for DTD. Please note, this is the last viable option, only implemented when all attempts to probe the age do not work. Do not leave a blank in this question.

## description

## UNIVERSE

Vietnam 2019: All persons

## concept

## CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## VN2019A\_BIRTHYR: Birth year

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

4. In what solar calendar month and year was [the respondent] born?

Month \_\_  
Year \_\_\_\_ (skip to Q6)  
Not stated year 9998

### CATEGORIES

Value	Category
1909	1909 or before
1910	1910
1911	1911
1912	1912
1913	1913
1914	1914
1915	1915
1916	1916
1917	1917
1918	1918
1919	1919
1920	1920
1921	1921
1922	1922
1923	1923
1924	1924
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1926	1926
1927	1927
1928	1928
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1931	1931
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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

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.

Question 4: [the respondent] was born in which month and year according to the solar calendar?

The month and year of birth are recorded according to the solar calendar and are the actual month and year of birth. DTV does not rely on any kind of document (ID card, household registration book, etc.) to record the month and year of birth unless DTDT confirms that the month and year of birth or that of members of the household is the same as that on the document provided by the household. DTV tries to obtain the month and year of birth to have sufficient information for other contents of the form, especially for children under 5 years old.

Some notes when identifying the month and year of birth according to the solar calendar:

- In case DTDT only remembers the year of birth according to the lunar calendar (such as the year of the Rat, the Ox, etc.), DTV must rely on the "Lunar calendar and solar calendar conversion table" in Appendix 4 to convert from the lunar calendar to the solar calendar.  
When using the "Lunar calendar and solar calendar conversion table" to identify the year of birth according to the solar calendar, there can be a difference of up to 12 years (if DTDT only remembers the animal of the year), so DTV needs to ask "How old is [the respondent] this year?", combined with the observation of DTDT's appearance to be able to accurately identify the year of birth according to the solar calendar of DTDT.  
- The solar month usually comes more than 1 month before the lunar month, so when converting the month of birth from the lunar calendar to the solar calendar, DTV needs to add 1 month to the month of birth according to the lunar calendar. Thus, the month of birth of people born from January to November of the lunar calendar will be from February to December of the same year. If born in December (December of the lunar calendar), it will be January of the following year.  
- In case the respondent does not remember the month of birth, DTV should use probing questions: Born in what season of the year? Born before or after Tet holiday, mid-July, mid-August? Born before or after the Reunification Day (April 30), National Day (September 2), Uncle Ho's birthday (May 19)?, etc. for respondents to recall and remember their month of birth.

Since the time of the census is April 1, 2019, people born between January and March of the same year will have the same way of rounding their age; People born between April and December in the same year will have the same way of rounding their age. Therefore, in case DTDT still cannot remember their month of birth after the probing questions, DTV tries to find out whether DTDT was born in the first 3 months or the last 9 months of the solar year to randomly choose 1 month in the first 3 months or the last 9 months of the year to write in the corresponding box.

After more probing questions but DTDT still cannot remember their month of birth, DTV writes code "98" (for electronic form, select code "KXD"). Then proceed to ask DTDT the year of birth according to the solar calendar.

[p.44]

In case DTDT does not remember the year of birth, DTV writes code "9998" (for electronic form, select code "KXD" or enters code "9998").

## description

### UNIVERSE

Vietnam 2019: All persons

**concept**

## CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

**VN2019A\_ETHNIC1: Kinh ethnic group****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

&lt;span class="em"&gt;Part 1. Information on household members&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;6. To what ethnic group does [the respondent] belong?&lt;/p&gt;

&lt;div class="i1"&gt;[] 1 Kinh&lt;br /&gt;[] 2 Other ethnic group&lt;/div&gt;&lt;div class="i2"&gt;\_\_\_ Name of ethnic group&lt;/div&gt;

## CATEGORIES

Value	Category
1	Kinh
2	Other ethnic group

## INTERVIEWER INSTRUCTIONS

&lt;span class="h2"&gt;Part V: Instructions on how to question and record information on the census form&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;&lt;span class="h3"&gt;Part 1: Information about members of the household&lt;/span&gt;

&lt;br /&gt;Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.&lt;/p&gt;

<p>The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.</p>

&lt;p&gt;&lt;span class="em"&gt;Question 6: What ethnicity does [the respondent] belong to?&lt;/span&gt;

<br />If DTD answers other ethnic group, DTV asks and records the name of the ethnicity commonly used in the locality (ethnic branch) and the name of the main ethnicity on the solid lines, and relies on the "List of Vietnamese ethnicities" in Appendix 2 to enter the appropriate code. Record like the following example: DTD declares that the ethnicity is "Trieu Chau." DTV writes "Trieu Chau (Hoa)" and then records the ethnicity code as "04".</p>

&lt;p&gt;Some cases of ethnicity identification:&lt;/p&gt;

<div class="i1">- For people who are biological or adopted children of parents not of the same ethnicity, the ethnicity of the child is identified according to the agreement of the parents. In case the parents cannot agree, record the father's ethnicity (according to the provisions of the Civil Code).<br /><br />- For matrilineal ethnicity, write the name of the child's ethnicity according to the mother's ethnicity.</div><span class="pg">[p.45]</span><div class="i1">- For an illegitimate child, the child's ethnicity is recorded according to the mother's ethnicity. In case the illegitimate father acknowledges the child and agrees to declare his name on the child's birth certificate, and at the same time this is accepted by the mother, DTV records the child's ethnicity according to the father's ethnicity.<br /><br />- For foreigners who have obtained Vietnamese citizenship, DTV records their ethnicity according to their original nationality in the form of Vietnamese transliteration. For example: New Zealand, America or the United States of America.<br /><br />For example: For a person whose original

nationality is American, DTV writes "American" in the blank box then records code "55" (foreigner).</div>

## description

UNIVERSE

Vietnam 2019: All persons

## concept

CONCEPT

var_concept.title	Vocabulary
Ethnicity and Language Variables -- PERSON	IPUMS

### VN2019A\_ETHNIC2: Other ethnic group

Data file: VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

#### Questions and instructions

LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p>6. To what ethnic group does [the respondent] belong?</p>

<div class="i1">[] 1 Kinh<br />[] 2 Other ethnic group</div><div class="i2">\_\_\_ Name of ethnic group</div>

CATEGORIES

Value	Category
02	Tay
03	Thai
04	Chinese
05	Khmer
06	Muong
07	Nung
08	Mong
09	Dao
10	Gia Rai
11	Ngai
12	Ede
13	Ba Na
14	Xo Dang
15	San Chay

16	Co Ho
17	Cham
18	San Diu
19	Hre
20	Mnong
21	Raglay
22	Xtieng
23	Bru Van Kieu
24	Tho
25	Giay
26	Co tu
27	Gie Trieng
28	Ma
29	Khmer
30	Co
31	Ta Oi
32	Cho Ro
33	Khang
34	Xinh Mun
35	Ha Nhi
36	Chu Ru
37	Lao
38	La Chi
39	La Ha
40	Phu La
41	La Hu
42	Lu
43	Lo Lo
44	Chut
45	Mang
46	Pa Then
47	Co Lao
48	Cong
49	Bo Y
50	Si La
51	Pu Peo
52	Brau
53	O Du
54	Ro Mam

55	Foreigner
98	Unknown
99	NIU (not in the universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 6: What ethnicity does [the respondent] belong to?

If DTD answers other ethnic group, DTV asks and records the name of the ethnicity commonly used in the locality (ethnic branch) and the name of the main ethnicity on the solid lines, and relies on the "List of Vietnamese ethnicities" in Appendix 2 to enter the appropriate code. Record like the following example: DTD declares that the ethnicity is "Trieu Chau." DTV writes "Trieu Chau (Hoa)" and then records the ethnicity code as "04".

Some cases of ethnicity identification:

- For people who are biological or adopted children of parents not of the same ethnicity, the ethnicity of the child is identified according to the agreement of the parents. In case the parents cannot agree, record the father's ethnicity (according to the provisions of the Civil Code).  
 - For matrilineal ethnicity, write the name of the child's ethnicity according to the mother's ethnicity.  
 - For an illegitimate child, the child's ethnicity is recorded according to the mother's ethnicity. In case the illegitimate father acknowledges the child and agrees to declare his name on the child's birth certificate, and at the same time this is accepted by the mother, DTV records the child's ethnicity according to the father's ethnicity.  
 - For foreigners who have obtained Vietnamese citizenship, DTV records their ethnicity according to their original nationality in the form of Vietnamese transliteration. For example: New Zealand, America or the United States of America.  
 For example: For a person whose original nationality is American, DTV writes "American" in the blank box then records code "55" (foreigner).

## description

## UNIVERSE

Vietnam 2019: Persons not belonging to Kinh ethnic group [discrepancies: none]

## concept

## CONCEPT

var_concept.title	Vocabulary
Ethnicity and Language Variables -- PERSON	IPUMS

### VN2019A\_PERNUM: Person number (within household)

Data file: VNM2019\_PHC-P-H.dat

## Overview

Type: Discrete    Decimal: 0    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

### description

UNIVERSE  
Vietnam 2019: All records

### concept

#### CONCEPT

var_concept.title	Vocabulary
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Technical Person Variables -- PERSON

IPUMS

**VN2019A\_RELATE: Relationship to household head****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 1. Information on household members

2. What is [the respondent]'s relationship with the household head?

1 Household head  
2 Spouse  
3 Natural child  
4 Maternal or paternal grandchild  
5 Parents  
6 Other family relation  
7 No family relation

## CATEGORIES

Value	Category
1	Head
2	Spouse
3	Natural child
4	Maternal or paternal grandchild
5	Parents
6	Other family relation
7	No family relation

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 2: How is [the respondent] related to the head of the household?

Relationships with the head of the household include:

Spouse: A person who is recognized by local law or custom as having a wife (or a husband), or living with a person of the opposite sex as a spouse. If a person has 2 or more wives (husbands) living together in 1 household, these people are all identified as the wives (husbands) of the head of the household.

Note: If the head of the household has 2 or more spouses living together in 1 household, these persons are all identified as the spouses of the head of the household.

Biological children: A person born by the head of the household.

Paternal/maternal grandchildren: A grandchild of the same bloodline as the head of the household, born by the biological child (son or daughter) of the head of the household.

Parents: The person who gave birth to the head of the household, the parents of the spouse, the father-in-law/mother-in-law of the head of the household, or the adoptive parents of the head of the household or the spouse.

Other family relationships: A person who has a family or biological relationship but is not the spouse, biological child or parents of the head of the household. For example: Adopted child, stepchild of the spouse, grandparents, brother/sister, aunt/uncle, daughter-in-law,

son-in-law, etc. No family relationship: A person who is not related by blood, marriage, adoption, or family/relatives to the head of the household. For example: Friends, employees, tenants, domestic helpers, etc. For example: A family has 4 people, including 2 adults who are both soldiers, their eldest child is 10 years old and the second child is 5 years old. In this case, DTV recorded Question 2 as follows: the eldest child is "The head of the household" and the second child is "Other family relationships."

## description

UNIVERSE  
Vietnam 2019: All persons

## concept

### CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## VN2019A\_SEX: Sex

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

3. Is [the respondent] male or female?

1 Male  
2 Female

#### CATEGORIES

Value	Category
1	Male
2	Female

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 3: Is [the respondent] male or female?

For those who are interviewed face-to-face or are at home when DTV visits for the interview, DTV can easily identify whether the individual is male or female to check the appropriate code box. However, for young children and people who are

away, DTV should not rely on "middle name" to infer whether the individual is male or female, DTV must ask the head of the household.</p>

<p>For people with two sexes, DTV relies on DTD's answers to record information.

## description

UNIVERSE  
Vietnam 2019: All persons

## concept

CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## WGHEAR: Difficulty hearing (Washington group)

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

CATEGORIES

Value	Category
1	No difficulty
2	Some difficulty
3	A lot of difficulty
4	Cannot do at all
8	Unknown
9	NIU (not in universe)

## description

DEFINITION  
WGHEAR indicates the person's level of difficulty in hearing, even if using a hearing aid.

## concept

CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**WGMOBIL: Difficulty walking or climbing stairs (Washington group)**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	No difficulty
2	Some difficulty
3	A lot of difficulty
4	Cannot do at all
8	Unknown
9	NIU (not in universe)

**description**

## DEFINITION

WGMOBIL indicates the person's level of difficulty in walking or climbing stairs.

**concept**

## CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**WGVISION: Difficulty seeing (Washington group)**

Data file: VNM2019\_PHC-P-H.dat

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	No difficulty
2	Some difficulty

3	A lot of difficulty
4	Cannot do at all
8	Unknown
9	NIU (not in universe)

## description

### DEFINITION

WGVISION indicates the person's level of difficulty in seeing, even while wearing glasses.

## concept

### CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

## VN2019A\_DISHEAR: Difficulty hearing

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

The next questions are about difficulties a person faces when performing certain activities due to health reasons.

13. Does [the respondent] have any difficulty with:

(If yes: How difficult is it? difficult, very difficult or completely unable)  
 b) Hearing (even if wearing hearing aid)?  
 [ 1 Not difficult  
 [ 2 Difficult  
 [ 3 Very difficult  
 [ 4 Unable

### CATEGORIES

Value	Category
1	Not difficult
2	Difficult
3	Very difficult
4	Completely unable
8	Unknown
9	NIU (not in universe)

### INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 1: Information about members of the household</span>

<br />Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.</p>

<p>The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.</p>

<p><span class="em">Question 13: Does [the respondent] have any difficulty when [...]?</span>

<br />This question is intended to gather information about difficulties a person may encounter in performing certain activities due to health problems/long term health problems, including difficulties due to the effects of old age, but does not include difficulties due to the children being young or not yet proficient in taking care of themselves (help from adults).</p>

<p>DTV asks about the conditions and level of difficulty of each person and in turn according to each ability, including vision, hearing, walking up the stairs, memory, self-care, and communication. Therein:</p>

<div class="i1">-Vision, even with glasses: DTV asked about the conditions and level of difficulty of DTDT when seeing. In case people have difficulty and have to wear glasses, DTV asks if they still have difficulty when wearing glasses and if so, the level of difficulty.<br /><br />-Hearing, even with a hearing aid: DTV asks about the conditions and level of difficulty of DTDT when hearing. In case people have difficulty and have to use a hearing aid, DTV asks if they still have difficulty when using a hearing aid and, if so, the level of difficulty.</div>

## description

UNIVERSE

Vietnam 2019: Persons age 5+ [discrepancies: type I trace; type II trace]

## concept

CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

## VN2019A\_DISSIGHT: Difficulty seeing

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p><span class="em">The next questions are about difficulties a person faces when performing certain activities due to health reasons.</span></p>

<p>13. Does [the respondent] have any difficulty with:</p>

<div class="i1">(If yes: How difficult is it? difficult, very difficult or completely unable)</div><div class="i1">a) Seeing (even if wearing glasses)?</div><div class="i2">[] 1 Not difficult<br />[] 2 Difficult<br />[] 3 Very difficult<br />[] 4 Unable</div>

## CATEGORIES

Value	Category
1	Not difficult
2	Difficult
3	Very difficult
4	Completely unable
8	Unknown
9	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.

**Question 13: Does [the respondent] have any difficulty when [...]?**

This question is intended to gather information about difficulties a person may encounter in performing certain activities due to health problems/long term health problems, including difficulties due to the effects of old age, but does not include difficulties due to the children being young or not yet proficient in taking care of themselves (help from adults).

DTV asks about the conditions and level of difficulty of each person and in turn according to each ability, including vision, hearing, walking up the stairs, memory, self-care, and communication. Therein:

**-Vision, even with glasses:** DTV asked about the conditions and level of difficulty of DTDT when seeing. In case people have difficulty and have to wear glasses, DTV asks if they still have difficulty when wearing glasses and if so, the level of difficulty.  
**-Hearing, even with a hearing aid:** DTV asks about the conditions and level of difficulty of DTDT when hearing. In case people have difficulty and have to use a hearing aid, DTV asks if they still have difficulty when using a hearing aid and, if so, the level of difficulty.

**description**

## UNIVERSE

Vietnam 2019: Persons age 5+ [discrepancies: type I trace; type II trace]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**VN2019A\_DIST5YR: District of residence five years ago**

**Data file: VNM2019\_PHC-P-H.dat**

**Overview**

Type: Discrete    Decimal: 0    Width: 5    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)?

1 Abroad (skip to Q13)  
 2 Same commune or ward (skip to Q13)  
 3 Other commune or ward in same district (skip to Q11)  
 4 Other district

10. Which district and city or province did [the respondent] move from?  
 Name of city or province \_\_\_\_\_  
 Name of district \_\_\_\_\_

### CATEGORIES

Value	Category
01001	Ba Dinh
01002	Hoan Kiem
01003	Tay Ho
01004	Long Bien
01005	Cau Giay
01006	Dong Da
01007	Hai Ba Trung
01008	Hoang Mai
01009	Thanh Xuan
01016	Soc Son
01017	Dong Anh
01018	Gia Lam
01019	Nam Tu Liem
01020	Thanh Tri
01021	Bac Tu Liem
01250	Me Linh
01268	Ha Dong
01269	Son Tay Town
01271	Ba Vi
01272	Phuc Tho
01273	Dan Phuong
01274	Hoai Duc
01275	Quoc Oai
01276	Thach That
01277	Chuong My
01278	Thanh Oai
01279	Thuong Tin
01280	Phu Xuyen
01281	Ung Hoa

01282	My Duc
02024	Ha Giang City
02026	Dong Van
02027	Meo Vac
02028	Yen Minh
02029	Quan Ba
02030	Vi Xuyen
02031	Bac Me
02032	Hoang Su Phi
02033	Xin Man
02034	Bac Quang
02035	Quang Binh
04040	Cao Bang City
04042	Bao Lam
04043	Bao Lac
04044	Thong Nong
04045	Ha Quang
04046	Tra Linh
04047	Trung Khanh
04048	Ha Lang
04049	Quang Uyen
04050	Phuc Hoa
04051	Hoa An
04052	Nguyen Binh
04053	Thach An
06058	Bac Kan City
06060	Pac Nam
06061	Ba Be
06062	Ngan Son
06063	Bach Thong
06064	Cho Don
06065	Cho Moi
06066	Na Ri
08070	Tuyen Quang City
08071	Lam Binh
08072	Na Hang
08073	Chiem Hoa
08074	Ham Yen
08075	Yen Son

08076	Son Duong
10080	Lao Cai City
10082	Bat Xat
10083	District Muong Khuong
10084	Si Ma Cai
10085	Bac Ha
10086	Bao Thang
10087	Bao Yen
10088	Sa Pa
10089	Van Ban
11094	Dien Bien Phu City
11095	Muong Lay Town
11096	Muong Nhe
11097	Muong Cha
11098	Tua Chua
11099	Tuan Giao
11100	Dien Bien
11101	Dien Bien Dong
11102	Muong Ang
11103	Nam Po
12105	Lai Chau City
12106	Tam Duong
12107	Muong Te
12108	Sin Ho
12109	Phong Tho
12110	Than Uyen
12111	Tan Uyen
12112	Nam Nhun
14116	Son La City
14118	Quynh Nhai
14119	Thuan Chau
14120	Muong La
14121	Bac Yen
14122	Phu Yen
14123	Moc Chau
14124	Yen Chau
14125	Mai Son
14126	Song Ma
14127	Sop Cop

14128	Van Ho
15132	Yen Bai City
15133	Nghia Lo Town
15135	Luc Yen
15136	Van Yen
15137	Mu Cang Chai
15138	Tran Yen
15139	Tram Tau
15140	Van Chan
15141	Yen Binh
17148	Hoa Binh City
17150	Da Bac
17151	Ky Son
17152	Luong Son
17153	Kim Boi
17154	Cao Phong
17155	Tan Lac
17156	Mai Chau
17157	Lac Son
17158	Yen Thuy
17159	Lac Thuy
19164	Thai Nguyen City
19165	Song Cong City
19167	Dinh Hoa
19168	Phu Luong
19169	Dong Hy
19170	Vo Nhai
19171	Dai Tu
19172	Pho Yen Town
19173	Phu Binh
20178	Lang Son City
20180	Trang Dinh
20181	Binh Gia
20182	Van Lang
20183	Cao Loc
20184	Van Quan
20185	Bac Son
20186	Huu Lung
20187	Chi Lang

20188	Loc Binh
20189	Dinh Lap
22193	Ha Long City
22194	Mong Cai City
22195	Cam Pha City
22196	Uong Bi City
22198	Binh Lieu
22199	Tien Yen
22200	Dam Ha
22201	Hai Ha
22202	Ba Che
22203	Van Don
22204	Hoanh Bo
22205	Dong Trieu Town
22206	Quang Yen Town
22207	Co To
24213	Bac Giang City
24215	Yen The
24216	Tan Yen
24217	Lang Giang
24218	Luc Nam
24219	Luc Ngan
24220	Son Dong
24221	Yen Dung
24222	Viet Yen
24223	Hiep Hoa
25227	Viet Tri City
25228	Phu Tho Town
25230	Doan Hung
25231	Ha Hoa
25232	Thanh Ba
25233	Phu Ninh
25234	Yen Lap
25235	Cam Khe
25236	Tam Nong
25237	Lam Thao
25238	Thanh Son
25239	Thanh Thuy
25240	Tan Son

26243	Vinh Yen City
26244	Phuc Yen City
26246	Lap Thach
26247	Tam Duong
26248	Tam Dao
26249	Binh Xuyen
26251	Yen Lac
26252	Vinh Tuong
26253	Song Lo
27256	Bac Ninh City
27258	Yen Phong
27259	Que Vo
27260	Tien Du
27261	Tu Son Town
27262	Thuan Thanh
27263	Gia Binh
27264	Luong Tai
30288	Hai Duong City
30290	Chi Linh Town
30291	Nam Sach
30292	Kinh Mon
30293	Kim Thanh
30294	Thanh Ha
30295	Cam Giang
30296	Binh Giang
30297	Gia Loc
30298	Tu Ky
30299	Ninh Giang
30300	Thanh Mien
31303	Hong Bang
31304	Ngo Quyen
31305	Le Chan
31306	Hai An
31307	Kien An
31308	Do Son
31309	Duong Kinh
31311	Thuy Nguyen
31312	An Duong
31313	An Lao

31314	Kien Thuy
31315	Tien Lang
31316	Vinh Bao
31317	Cat Hai
31318	Bach Long Vi
33323	Hung Yen City
33325	Van Lam
33326	Van Giang
33327	Yen My
33328	My Hao
33329	An Thi
33330	Khoai Chau
33331	Kim Dong
33332	Tien Lu
33333	Phu Cu
34336	Thai Binh City
34338	Quynh Phu
34339	Hung Ha
34340	Dong Hung
34341	Thai Thuy
34342	Tien Hai
34343	Kien Xuong
34344	Vu Thu
35347	Phu Ly City
35349	Duy Tien
35350	Kim Bang
35351	Thanh Liem
35352	Binh Luc
35353	Ly Nhan
36356	Nam Dinh City
36358	My Loc
36359	Vu Ban
36360	Y Yen
36361	Nghia Hung
36362	Nam Truc
36363	Truc Ninh
36364	Xuan Truong
36365	Giao Thuy
36366	Hai Hau

37369	Ninh Binh City
37370	Tam Diep City
37372	Nho Quan
37373	Gia Vien
37374	Hoa Lu
37375	Yen Khanh
37376	Kim Son
37377	Yen Mo
38380	Thanh Hoa City
38381	Bim Son Town
38382	Sam Son City
38384	Muong Lat
38385	Quan Hoa
38386	Ba Thuoc
38387	Quan Son
38388	Lang Chanh
38389	Ngoc Lac
38390	Cam Thuy
38391	Thach Thanh
38392	Ha Trung
38393	Vinh Loc
38394	Yen Dinh
38395	Tho Xuan
38396	Thuong Xuan
38397	Trieu Son
38398	Thieu Hoa
38399	Hoang Hoa
38400	Hau Loc
38401	Nga Son
38402	Nhu Xuan
38403	Nhu Thanh
38404	Nong Cong
38405	Dong Son
38406	Quang Xuong
38407	Tinh Gia
40412	Vinh City
40413	Cua Lo Town
40414	Thai Hoa town
40415	Que Phong

40416	Quy Chau
40417	Ky Son
40418	Tuong Duong
40419	Nghia Dan
40420	Quy Hop
40421	Quynh Luu
40422	Con Cuong
40423	Tan Ky
40424	Anh Son
40425	Dien Chau
40426	Yen Thanh
40427	Do Luong
40428	Thanh Chuong
40429	Nghi Loc
40430	Nam Dan
40431	Hung Nguyen
40432	Hoang Mai Town
42436	Ha Tinh City
42437	Hong Linh Town
42439	Huong Son
42440	Duc Tho
42441	Vu Quang
42442	Nghi Xuan
42443	Can Loc
42444	Huong Khe
42445	Thach Ha
42446	Cam Xuyen
42447	Ky Anh
42448	Loc Ha
42449	Ky Anh Town
44450	Dong Hoi City
44452	Minh Hoa
44453	Tuyen Hoa
44454	Quang Trach
44455	Bo Trach
44456	Quang Ninh
44457	Le Thuy
44458	Ba Don Town
45461	Dong Ha City

45462	Quang Tri Town
45464	Vinh Linh
45465	Huong Hoa
45466	Gio Linh
45467	Da Krong
45468	Cam Lo
45469	Trieu Phong
45470	Hai Lang
45471	Con Co
46474	Hue City
46476	Phong Dien
46477	Quang Dien
46478	Phu Vang
46479	Huong Thuy Town
46480	Huong Tra Town
46481	A Luoi
46482	Phu Loc
46483	Nam Dong
48490	Lien Chieu
48491	Thanh Khe
48492	Hai Chau
48493	Son Tra
48494	Ngu Hanh Son
48495	Cam Le
48497	Hoa Vang
48499	Da Nang city, unknown district
49502	Tam Ky City
49503	Hoi An City
49504	Tay Giang
49505	Dong Giang
49506	Dai Loc
49507	Dien Ban Town
49508	Duy Xuyen
49509	Que Son
49510	Nam Giang
49511	Phuoc Son
49512	Hiep Duc
49513	Thang Binh
49514	Tien Phuoc

49515	Bac Tra My
49516	Nam Tra My
49517	Nui Thanh
49518	Phu Ninh
49519	Nong Son
51522	Quang Ngai City
51524	Binh Son
51525	Tra Bong
51526	Tay Tra
51527	Son Tinh
51528	Tu Nghia
51529	Son Ha
51530	Son Tay
51531	Minh Long
51532	Nghia Hanh
51533	Mo Duc
51534	Duc Pho
51535	Ba To
51536	Ly Son
52540	Quy Nhon City
52542	An Lao
52543	Hoai Nhon
52544	Hoai An
52545	Phu My
52546	Vinh Thanh
52547	Tay Son
52548	Phu Cat
52549	An Nhon Town
52550	Tuy Phuoc
52551	Van Canh
54555	Tuy Hoa City
54557	Song Cau Town
54558	Dong Xuan
54559	Tuy An
54560	Son Hoa
54561	Song Hinh
54562	Tay Hoa
54563	Phu Hoa
54564	Dong Hoa

56568	Nha Trang City
56569	Cam Ranh City
56570	Cam Lam
56571	Van Ninh
56572	Ninh Hoa Town
56573	Khanh Vinh
56574	Dien Khanh
56575	Khanh Son
56599	Khanh Hoa province, unknown district
58582	Phan Rang-Thap Cham City
58584	Bac Ai
58585	Ninh Son
58586	Ninh Hai
58587	Ninh Phuoc
58588	Thuan Bac
58589	Thuan Nam
60593	Phan Thiet City
60594	La Gi Town
60595	Tuy Phong
60596	Bac Binh
60597	Ham Thuan Bac
60598	Ham Thuan Nam
60599	Tanh Linh
60600	Duc Linh
60601	Ham Tan
60602	Phu Quy
62608	Kon Tum City
62610	Dak Glei
62611	Ngoc Hoi
62612	Dak To
62613	Kon Plong
62614	Kon Ray
62615	Dak Ha
62616	Sa Thay
62617	Tu Mo Rong
62618	District Ia H'Drai
64622	Pleiku City
64623	An Khe Town
64624	Ayun Pa Town

64625	KBang
64626	Dak Doa
64627	Chu Pah
64628	Ia Grai
64629	Mang Yang
64630	Kong Chro
64631	Duc Co
64632	Chu Prong
64633	Chu Se
64634	Dak Po
64635	Ia Pa
64637	Krong Pa
64638	Phu Thien
64639	Chu Pu
66643	Buon Ma Thuot City
66644	Buon Ho town
66645	Ea H'leo
66646	Ea Sup
66647	Buon Don
66648	Cu M'gar
66649	Krong Buk
66650	Krong Nang
66651	Ea Kar
66652	M'Drak
66653	Krong Bong
66654	Krong Pac
66655	Krong A Na
66656	Lak
66657	Cu Kuin
67660	Gia Nghia Town
67661	Dak G'long
67662	Cu Jut
67663	Dak Mil
67664	Krong No
67665	Dak Song
67666	Dak R'Lap
67667	Tuy Duc
68672	Da Lat City
68673	Bao Loc City

68674	Dam Rong
68675	Lac Duong
68676	Lam Ha
68677	Don Duong
68678	Duc Trong
68679	Di Linh
68680	Bao Lam
68681	Da Huoi
68682	Da Teh
68683	Cat Tien
70688	Phuoc Long Town
70689	Dong Xoai Town
70690	Binh Long Town
70691	Bu Gia Map
70692	Loc Ninh
70693	Bu Dop
70694	Hon Quan
70695	Dong Phu
70696	Bu Dang
70697	Chon Thanh
70698	Phu Rieng
72703	Tay Ninh City
72705	Tan Bien
72706	Tan Chau
72707	Duong Minh Chau
72708	Chau Thanh
72709	Hoa Thanh
72710	Go Dau
72711	Ben Cau
72712	Trang Bang
74718	Thu Dau Mot City
74719	Bau Bang
74720	Dau Tieng
74721	Ben Cat Town
74722	Phu Giao
74723	Tan Uyen Town
74724	Di An Town
74725	Thuan An Town
74726	Bac Tan Uyen

75731	Bien Hoa City
75732	Long Khanh Town
75734	Tan Phu
75735	Vinh Cuu
75736	Dinh Quan
75737	Trang Bom
75738	Thong Nhat
75739	Cam My
75740	Long Thanh
75741	Xuan Loc
75742	Nhon Trach
77747	Vung Tau City
77748	Ba Ria City
77750	Chau Duc
77751	Xuyen Moc
77752	Long Dien
77753	Dat Do
77754	Phu My Town
77755	Con Dao
79760	District 1
79761	District 12
79762	Thu Duc
79763	District 9
79764	Go Vap
79765	Binh Thanh
79766	Tan Binh
79767	Tan Phu
79768	Phu Nhuan
79769	District 2
79770	District 3
79771	District 10
79772	District 11
79773	District 4
79774	District 5
79775	District 6
79776	District 8
79777	Binh Tan
79778	District 7
79783	Cu Chi

79784	Hoc Mon Province
79785	Binh Chanh
79786	Nha Be
79787	Can Gio
80794	Tan An City
80795	Kien Tuong Town
80796	Tan Hung
80797	Vinh Hung
80798	Moc Hoa
80799	Tan Thanh
80800	Thanh Hoa
80801	Duc Hue
80802	Duc Hoa
80803	Ben Luc
80804	Thu Thua
80805	Tan Tru
80806	Can Duoc
80807	Can Giuoc
80808	Chau Thanh
82815	My Tho City
82816	Go Cong Town
82817	Cai Lay Town
82818	Tan Phuoc
82819	Cai Be
82820	Cai Lay
82821	Chau Thanh
82822	Cho Gao
82823	Go Cong Tay
82824	Go Cong Dong
82825	Tan Phu Dong
83829	Ben Tre City
83831	Chau Thanh
83832	Cho Lach
83833	Mo Cay Nam
83834	Giong Trom
83835	Binh Dai
83836	Ba Tri
83837	Thanh Phu
83838	Mo Cay Bac

84842	Tra Vinh
84844	Cang Long
84845	Cau Ke
84846	Tieu Can
84847	Chau Thanh
84848	Cau Ngang
84849	Tra Cu
84850	Duyen Hai
84851	Duyen Hai Town
86855	Vinh Long City
86857	Long Ho
86858	Mang Thit
86859	Vung Liem
86860	Tam Binh
86861	Binh Minh Town
86862	Tra On
86863	Binh Tan
87866	Cao Lanh City
87867	Sa Dec City
87868	Hong Ngu Town
87869	Tan Hong
87870	Hong Ngu
87871	Tam Nong
87872	Thap Muoi
87873	Cao Lanh
87874	Thanh Binh
87875	Lap Vo
87876	Lai Vung
87877	Chau Thanh
89883	Long Xuyen City
89884	Chau Doc City
89886	An Phu
89887	Tan Chau Town
89888	Phu Tan
89889	Chau Phu
89890	Tinh Bien
89891	Tri Ton
89892	Chau Thanh
89893	Cho Moi

89894	Thoai Son
91899	Rach Gia City
91900	Ha Tien Town
91902	Kien Luong
91903	Hon Dat
91904	Tan Hiep
91905	Chau Thanh
91906	Giong Rieng
91907	Go Quao
91908	An Bien
91909	Anh Minh
91910	Vinh Thuan
91911	Phu Quoc
91912	Kien Hai
91913	U Minh Thuong
91914	Giang Thanh
92916	Ninh Kieu
92917	O Mon
92918	Binh Thuy
92919	Cai Rang
92923	Thot Not
92924	Vinh Thanh
92925	Co Do
92926	Phong Dien
92927	Thoi Lai
93930	Vi Thanh City
93931	Nga Bay Town
93932	Chau Thanh A
93933	Chau Thanh
93934	Phung Hiep
93935	Vi Thuy
93936	Long My
93937	Long My Town
94941	Soc Trang City
94942	Chau Thanh
94943	Ke Sach
94944	My Tu
94945	Cu Lao Dung
94946	Long Phu

94947	My Xuyen
94948	Nga Nam Town
94949	Thanh Tri
94950	Vinh Chau Town
94951	Tran De
95954	Bac Lieu City
95956	Hong Dan
95957	Phuoc Long
95958	Vinh Loi
95959	Gia Rai Town
95960	Dong Hai
95961	Hoa Binh
96964	Ca Mau City
96966	U Minh
96967	Thoi Binh
96968	Tran Van Thoi
96969	Cai Nuoc
96970	Dam Doi
96971	Nam Can
96972	Phu Tan
96973	Ngoc Hien
99999	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

**Question 10: What province/city/district did [the respondent] move from?**

DTV asks and records the name of the province/city and the name of the district on the solid lines; writes province/city code and district code based on the "Administrative Directory of Vietnam" in Appendix 11 and Appendix 12.

If a person is identified as having moved from another district, but the name of that district has now changed compared to that on April 1, 2014 (due to a change in administrative boundaries or change in the name of an administrative unit, etc.), DTV writes its names according to the name of the new administrative unit. In case DTD does not know the new name of the administrative unit, DTV should ask other members of the household or find other sources of information to identify and record information.

#### description

Vietnam 2019: Persons age 5+ living in Vietnam 5 years ago [discrepancies: none]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Migration: Global Variables -- PERSON	IPUMS

**VN2019A\_MOVREAS: Reason for moving to this household****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

>Part 1. Information on household members</span></p>

&lt;p&gt;9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)?&lt;/p&gt;

&lt;div class="i1"&gt;[] 1 Abroad (skip to Q13)&lt;br /&gt;[] 2 Same commune or ward (skip to Q13)&lt;br /&gt;[] 3 Other commune or ward in same district (skip to Q11)&lt;br /&gt;[] 4 Other district&lt;/div&gt;&lt;p&gt;12. What was the main reason that [the respondent] moved to this household?&lt;/p&gt;

&lt;div class="i1"&gt;[] 1 To find work or to start a new job&lt;br /&gt;[] 2 Came back homeland due to lost job, ended job, or could not find job&lt;br /&gt;[] 3 Follow family&lt;br /&gt;[] 4 Marriage&lt;br /&gt;[] 5 Schooling&lt;br /&gt;[] 6 Other&lt;/div&gt;&lt;div class="i2"&gt;Specify \_\_\_\_&lt;/div&gt;

## CATEGORIES

Value	Category
1	To find work or start a new job
2	Came back to homeland due to lost job, ended job, or lack of work
3	To follow family
4	Marriage
5	Schooling
6	Other
8	Unknown
9	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

>Part V: Instructions on how to question and record information on the census form</span></p>

&lt;p&gt;&lt;span class="h3"&gt;Part 1: Information about members of the household&lt;/span&gt;

&lt;br /&gt;Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.&lt;/p&gt;

&lt;p&gt;The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.&lt;/p&gt;

Question 12: What is the main reason that [the respondent] moved to the current place of residence?

DTV asks and identifies the main reason that DTD moved to the household. If DTD gives 2 or more reasons, DTV tries to ask and identify 1 reason that has the most impact on DTD moving to the household (main reason).

Notes: - For people working away from home, when they retired and moved back to the household to live with their family, DTV chooses the answer as code 3 "Following the family/Moving". - In case 1 person has to relocate due to starting a new job and the whole family comes along, DTV records the reason of moving to that person's current place of residence as code 1 "Finding a job/starting a new job", for other members of the household, records as code 3 "Following the family/moving".

## description

### UNIVERSE

Vietnam 2019: Persons age 5+ living in a different district or a different commune/ward in the same district 5 years ago [discrepancies: type I none; type II trace]

## concept

### CONCEPT

var_concept.title	Vocabulary
Migration: Global Variables -- PERSON	IPUMS

## VN2019A\_PROV5YR: Province or city of residence five years ago

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)?

[ ] 1 Abroad (skip to Q13) [ ] 2 Same commune or ward (skip to Q13) [ ] 3 Other commune or ward in same district (skip to Q11) [ ] 4 Other district

10. Which district and city or province did [the respondent] move from?  
Name of city or province \_\_\_\_ \_  
Name of district \_\_\_\_ \_

### CATEGORIES

Value	Category
01	Ha Noi
02	Ha Giang
04	Cao Bang
06	Bac Kan
08	Tuyen Quang
10	Lao Cai

11	Dien Bien
12	Lai Chau
14	Son La
15	Yen Bai
17	Hoa Binh
19	Thai Nguyen
20	Lang Son
22	Quang Ninh
24	Bac Giang
25	Phu Tho
26	Vinh Phuc
27	Bac Ninh
30	Hai Duong
31	Hai Phong city
33	Hung Yen
34	Thai Binh
35	Ha Nam
36	Nam Dinh
37	Ninh Binh
38	Thanh Hoa
40	Nghe An
42	Ha Tinh
44	Quang Binh
45	Quang Tri
46	Thua Thien Hue
48	Da Nang city
49	Quang Nam
51	Quang Ngai
52	Binh Dinh
54	Phu Yen
56	Khanh Hoa
58	Ninh Thuan
60	Binh Thuan
62	Kon Tum
64	Gia Lai
66	Dak Lak
67	Dak Nong
68	Lam Dong
70	Binh Phuoc

72	Tay Ninh
74	Binh Duong
75	Dong Nai
77	Ba Ria - Vung Tau
79	Ho Chi Minh city
80	Long An
82	Tien Giang
83	Ben Tre
84	Tra Vinh
86	Vinh Long
87	Dong Thap
89	An Giang
91	Kien Giang
92	Can Tho city
93	Hau Giang
94	Soc Trang
95	Bac Lieu
96	Ca Mau
99	NIU (not in the universe)

#### INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

**Question 10: What province/city/district did [the respondent] move from?**

DTV asks and records the name of the province/city and the name of the district on the solid lines; writes province/city code and district code based on the "Administrative Directory of Vietnam" in Appendix 11 and Appendix 12.

If a person is identified as having moved from another district, but the name of that district has now changed compared to that on April 1, 2014 (due to a change in administrative boundaries or change in the name of an administrative unit, etc.), DTV writes its names according to the name of the new administrative unit. In case DTD does not know the new name of the administrative unit, DTV should ask other members of the household or find other sources of information to identify and record information.

#### description

#### UNIVERSE

Vietnam 2019: Persons age 5+ living in Vietnam 5 years ago [discrepancies: none]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Migration: Global Variables -- PERSON	IPUMS

**VN2019A\_REGBTH: Birth certificate registered****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p>KT1. Check question 4 or question 5: under 5 years old (born after March 2014) then go to question 8; otherwise go to question 9</p>

<p>8. At present does [the respondent] have birth certificate registered?</p>
 <div class="i1">[] 1 Registered<br />[] 2 Not registered (skip to next person)</div>

## CATEGORIES

Value	Category
1	Registered
2	Not registered
9	NIU (not in the universe)

## INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 1: Information about members of the household</span><br />Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.</p>

<p>The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.</p>

<p><span class="em">Test 1 (KT1)</span><br />The test question is intended to identify people under 5 years old (born after March 2014) to proceed to Question 8; for people aged 5 years and older (born before April 2014), DTV proceeds to Question 9.</p>

<p>For people with a year of birth but no information on month of birth (month of birth in Question 4 is recorded as code "98"), DTV identifies people born after 2014 to proceed to Question 8; for people born in 2014 or earlier, proceed to Question 9.</p>

<p><span class="em">Question 8: Is [the respondent] registered for birth now?</span><br />This question is intended to collect information on birth registration status for children under 5 years old (born after March 2014).</p>

Birth registration is the registration of birth for a newborn child at a competent state agency and must be carried out within the statutory period from the child's date of birth.

[p.46]

In case a child has been registered for birth by his/her family but is waiting for the birth certificate, it will still be counted as having registered for birth.

## description

UNIVERSE

Vietnam 2019: Persons age under 5 [discrepancies: none]

## concept

CONCEPT

var_concept.title	Vocabulary
Other Person Variables -- PERSON	IPUMS

### VN2019A\_RELIG: Follow faith or religion

Data file: VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

LITERAL QUESTION

Part 1. Information on household members

7. Does [the respondent] follow any faith or religion? If yes, what is [the respondent]'s faith/religion?

1 Yes

\_\_\_ Name of the religion

2 No

CATEGORIES

Value	Category
1	Yes
2	No

INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 7: Does [the respondent] follow any religion? If so: What religion is that?

DTV asks and lets DTDT identify their own religion (regardless of whether DTDT is a follower of that religion).

If the answer is "Yes", DTV asks and records the religion name and code based on the "List of religions" in Appendix 3.

In case the religion provided by DTDT is not on the "List of religions", DTV identifies that DTDT does not follow a religion.

In case DTDT is not sure whether they follow any religion or answers "Luong", DTV identifies that DTDT does not follow a religion.

## description

UNIVERSE

Vietnam 2019: All persons

## concept

CONCEPT

var_concept.title	Vocabulary
Ethnicity and Language Variables -- PERSON	IPUMS

## VN2019A\_RELIG2: Faith or religion

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

Part 1. Information on household members

7. Does [the respondent] follow any faith or religion? If yes, what is [the respondent]'s faith/religion?

1 Yes    2 No

CATEGORIES

Value	Category
01	Buddhism
02	Catholic
03	Evangelical
04	Caodaism
05	Hoa Hao Buddhism
06	Islamic
07	Baha'i Faith
08	Pure Land Buddhist Association of Vietnam

09	Tu An Hieu Nghia (Four Debts of Gratitude) Buddhism
10	Buu Son Ky Huong (Way of the Strange Fragrance from the Precious Mountain)
11	Cham Brahmin
12	Church of Jesus Christ of Latter-day Saints (Mormon)
13	Hieu Nghia Ta Lon Buddhism (Registration Granted)
14	Vietnam Seventh-day Adventist Church
15	Other
99	NIU (not in the universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 7: Does [the respondent] follow any religion? If so: What religion is that?

DTV asks and lets DTD identify their own religion (regardless of whether DTD is a follower of that religion).

If the answer is "Yes", DTV asks and records the religion name and code based on the "List of religions" in Appendix 3.

In case the religion provided by DTD is not on the "List of religions", DTV identifies that DTD does not follow a religion.

In case DTD is not sure whether they follow any religion or answers "Luong", DTV identifies that DTD does not follow a religion.

## description

## UNIVERSE

Vietnam 2019: Persons with religions [discrepancies: none]

## concept

## CONCEPT

var_concept.title	Vocabulary
Ethnicity and Language Variables -- PERSON	IPUMS

## VN2019A\_RES5YR: Usual residence five years ago

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)?

1 Abroad (skip to Q13)  
2 Same commune or ward (skip to Q13)  
3 Other commune or ward in same district (skip to Q11)  
4 Other district

### CATEGORIES

Value	Category
1	Abroad
2	Same commune or ward
3	Other commune or ward in same district
4	Other district
9	NIU (not in the universe)

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 9: 5 years ago (April 1, 2014), where did [the respondent] actually reside permanently?

The actual permanent place of residence is understood as the place where DTD eats and resides regularly (according to the defined concepts of NKTTTT).

For people who 5 years ago, i.e. April 1, 2014, were studying, working abroad, visiting relatives, or traveling abroad within the prescribed time limits, their actual permanent place of residence is still identified as Vietnam, in the household where they are identified as NKTTTT. Thus, in order to have accurate information for this question, DTV needs to ask supplemental questions such as time, the purpose of traveling abroad, etc.

Cases identified as being "abroad" 5 years ago may include: People who 5 years ago obtained citizenship/settled abroad or who 5 years ago studied or worked abroad beyond the prescribed time limits but now actually reside permanently in Vietnam.

## description

### UNIVERSE

Vietnam 2019: Persons age 5+ [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Migration: Global Variables -- PERSON	IPUMS

**VN2019A\_RES5YRTYP: Type of place of usual residence five years ago****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 1. Information on household members

9. Where did [the respondent] usually reside 5 years ago (on 1 April 2014)?

1 Abroad (skip to Q13)  
2 Same commune or ward (skip to Q13)  
3 Other commune or ward in same district (skip to Q11)  
4 Other district

10. Which district and city or province did [the respondent] move from?  
Name of city or province \_\_\_\_\_  
Name of district \_\_\_\_\_

11. Was the above-mentioned place of usual residence of [the respondent] a ward, a district town or a commune five years ago?

1 Ward or district town  
2 Commune

## CATEGORIES

Value	Category
1	Ward or district town
2	Commune
9	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 11: 5 years ago, was the aforementioned actual permanent place of residence of [the respondent] ward/town or commune?

The identification of urban and rural areas is based on commune level administrative units: If "ward" and "town", then identify as urban. If "commune", then identify as rural.

[p.47]

Ward/town or commune must be identified as of April 1, 2014. For places that were communes as of April 1, 2014, but now recognized as wards or towns, DTV still has to check the code "Commune."

**description**

## UNIVERSE

Vietnam 2019: Persons age 5+ living in a different district or a different commune/ward in the same district 5 years ago [discrepancies: none]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Migration: Global Variables -- PERSON	IPUMS

**VN2019A\_DISCARE: Difficulty with self-care****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 1. Information on household members

The next questions are about difficulties a person faces when performing certain activities due to health reasons.

13. Does [the respondent] have any difficulty with:

(If yes: How difficult is it? difficult, very difficult or completely unable)  
 e) Self-care (bathing, changing clothes, eating, going to the bathroom, etc)?  
 1 Not difficult  
 2 Difficult  
 3 Very difficult  
 4 Unable

## CATEGORIES

Value	Category
1	Not difficult
2	Difficult
3	Very difficult
4	Completely unable
8	Unknown
9	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 13: Does [the respondent] have any difficulty when [...]?

This question is intended to gather information about difficulties a person may encounter in performing certain activities due to health problems/long term health problems, including difficulties due to the effects of old age, but does not include difficulties due to the children being young or not yet proficient in taking care of themselves (help from adults).

DTV asks about the conditions and level of difficulty of each person and in turn according to each ability, including vision, hearing, walking up the stairs, memory, self-care, and communication. Therein:

-Vision, even with glasses: DTV asked about the conditions and level of difficulty of DTD when seeing. In case people have difficulty and have to wear glasses, DTV asks if they still have difficulty when wearing glasses and if so, the level of difficulty.  
-Hearing, even with a hearing aid: DTV asks about the conditions and level of difficulty of DTD when hearing. In case people have difficulty and have to use a hearing aid, DTV asks if they still have difficulty when using a hearing aid and, if so, the level of difficulty.

## description

### UNIVERSE

Vietnam 2019: Persons age 5+ [discrepancies: type I trace; type II trace]

## concept

### CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

## VN2019A\_DISCOMM: Difficulty communicating (using normal language)

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

The next questions are about difficulties a person faces when performing certain activities due to health reasons.

13. Does [the respondent] have any difficulty with:

(If yes: How difficult is it? difficult, very difficult or completely unable)  
Communicating? (using normal language)  
[ ] 1 Not difficult  
[ ] 2 Difficult  
[ ] 3 Very difficult  
[ ] 4 Unable

### CATEGORIES

Value	Category
1	Not difficult
2	Difficult
3	Very difficult
4	Completely unable
8	Unknown
9	NIU (not in universe)

### INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 1: Information about members of the household</span>

<br />Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.</p>

<p>The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.</p>

<p><span class="em">Question 13: Does [the respondent] have any difficulty when [...]?</span>

<br />This question is intended to gather information about difficulties a person may encounter in performing certain activities due to health problems/long term health problems, including difficulties due to the effects of old age, but does not include difficulties due to the children being young or not yet proficient in taking care of themselves (help from adults).</p>

<p>DTV asks about the conditions and level of difficulty of each person and in turn according to each ability, including vision, hearing, walking up the stairs, memory, self-care, and communication. Therein:</p>

<div class="i1">-Vision, even with glasses: DTV asked about the conditions and level of difficulty of DTD when seeing. In case people have difficulty and have to wear glasses, DTV asks if they still have difficulty when wearing glasses and if so, the level of difficulty.<br /><br />-Hearing, even with a hearing aid: DTV asks about the conditions and level of difficulty of DTD when hearing. In case people have difficulty and have to use a hearing aid, DTV asks if they still have difficulty when using a hearing aid and, if so, the level of difficulty.</div>

## description

UNIVERSE

Vietnam 2019: Persons age 5+ [discrepancies: type I trace; type II trace]

## concept

CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

## VN2019A\_DISMNTL: Difficulty remembering or paying attention

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p><span class="em">The next questions are about difficulties a person faces when performing certain activities due to health reasons.</span></p>

<p>13. Does [the respondent] have any difficulty with:</p>

<div class="i1">(If yes: How difficult is it? difficult, very difficult or completely unable)</div><div class="i1">d

Remembering or paying attention?</div><div class="i2">[] 1 Not difficult<br />[] 2 Difficult<br />[] 3 Very difficult<br />[] 4 Unable</div>

## CATEGORIES

Value	Category
1	Not difficult
2	Difficult
3	Very difficult
4	Completely unable
8	Unknown
9	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.

**Question 13: Does [the respondent] have any difficulty when [...]?**

This question is intended to gather information about difficulties a person may encounter in performing certain activities due to health problems/long term health problems, including difficulties due to the effects of old age, but does not include difficulties due to the children being young or not yet proficient in taking care of themselves (help from adults).

DTV asks about the conditions and level of difficulty of each person and in turn according to each ability, including vision, hearing, walking up the stairs, memory, self-care, and communication. Therein:

**-Vision, even with glasses:** DTV asked about the conditions and level of difficulty of DTDT when seeing. In case people have difficulty and have to wear glasses, DTV asks if they still have difficulty when wearing glasses and if so, the level of difficulty.  
**-Hearing, even with a hearing aid:** DTV asks about the conditions and level of difficulty of DTDT when hearing. In case people have difficulty and have to use a hearing aid, DTV asks if they still have difficulty when using a hearing aid and, if so, the level of difficulty.

**description**

## UNIVERSE

Vietnam 2019: Persons age 5+ [discrepancies: type I trace; type II trace]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**VN2019A\_DISMOBIL: Difficulty walking**

**Data file: VNM2019\_PHC-P-H.dat**

**Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

The next questions are about difficulties a person faces when performing certain activities due to health reasons.

13. Does [the respondent] have any difficulty with:

(If yes: How difficult is it? difficult, very difficult or completely unable)  
 c) Walking on the ground? (even if there is someone to support or aid equipment used)  
 1 Not difficult  
 2 Difficult  
 3 Very difficult  
 4 Unable

### CATEGORIES

Value	Category
1	Not difficult
2	Difficult
3	Very difficult
4	Completely unable
8	Unknown
9	NIU (not in universe)

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.

Question 13: Does [the respondent] have any difficulty when [...]?

This question is intended to gather information about difficulties a person may encounter in performing certain activities due to health problems/long term health problems, including difficulties due to the effects of old age, but does not include difficulties due to the children being young or not yet proficient in taking care of themselves (help from adults).

DTV asks about the conditions and level of difficulty of each person and in turn according to each ability, including vision, hearing, walking up the stairs, memory, self-care, and communication. Therein:

-Vision, even with glasses: DTV asked about the conditions and level of difficulty of DTDT when seeing. In case people have difficulty and have to wear glasses, DTV asks if they still have difficulty when wearing glasses and if so, the level of difficulty.  
 -Hearing, even with a hearing aid: DTV asks about the conditions and level of difficulty of DTDT when hearing. In case people have difficulty and have to use a hearing aid, DTV asks if they still have difficulty when using a hearing aid and, if so, the level of difficulty.

## description

### UNIVERSE

Vietnam 2019: Persons age 5+ [discrepancies: type I trace; type II trace]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Disability Variables -- PERSON	IPUMS

**VN2019A\_EDGRADE: Highest grade of general education completed****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 1. Information on household members

17. What is the highest grade of general education that [the respondent] has completed?

Grade is converted into 12-year general education level  
General grade \_\_

## CATEGORIES

Value	Category
00	No grade
01	Grade 1
02	Grade 2
03	Grade 3
04	Grade 4
05	Grade 5
06	Grade 6
07	Grade 7
08	Grade 8
09	Grade 9
10	Grade 10
11	Grade 11
12	Grade 12
98	Unknown
99	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census formPart 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 17: What is the highest general education grade that [the respondent] has completed?

This question is only intended for people who are attending school (primary school or higher) or have dropped out. DTV records the highest general education grade (the 12-year system) that DTD completed, promoted, or graduated.

In case DTD studied under a general education system other than the 12-year system, DTV uses the "General education levels conversion table" in Appendix 5 to convert to the 12-year system. According to Article 26, Vietnam Education Code 2005 and Decision No. 1981/QĐ-TTg dated October 18, 2016 of the Prime Minister approving the Structural framework of the national education system, general education includes: primary education, secondary education, and high school education.

## description

### UNIVERSE

Vietnam 2019: Persons age 5+ who ever attended school except those currently attending pre-school [discrepancies: type I trace; type II none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## VN2019A\_EDLEV: Highest level of education or training completed

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

16. What is the highest level of education/training that [the respondent] has completed or graduated?

1 Under primary  
2 Primary  
3 Lower secondary  
4 Higher secondary  
5 Short term training  
6 Voc. school  
7 College  
8 University  
9 Master  
10 Ph.D. (Doctor)

### CATEGORIES

Value	Category
00	Never attended
01	Attending pre-school
02	Under primary

03	Primary
04	Lower secondary
05	Higher secondary
06	Pre-intermediate
07	Intermediate
08	College
09	University
10	Master
11	Ph.D. (doctorate)
99	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 16: What is the highest level of education and training [the respondent] graduated/achieved?

This question is intended for people who dropped out or are studying at the primary school level or higher. DTV relies on relevant documents (degree of the highest level) or the type of program completed to identify the information for this question.

**- The highest education and training level graduated: Completed and obtained a degree for the level specified to be awarded a degree/certificate.**  
A person, who has completed a level of education or a State education, training, and vocational program but there has not been a decision to award a diploma or certificate for completing that level of study, is still counted as "attending study" at the level/program of study completed but not yet awarded a degree; the highest degree achieved is the level directly below the "attending school" level.

**Example 1:** A person has completed the defense of a doctoral thesis but is waiting for approval to obtain the degree, and there has not been a decision to award the doctorate, the highest level that person graduated is a master's degree.

**- Highest education and training level completed: Completed and not awarded a degree for the level specified not to be awarded a degree/certificate.**  
**Example 2:** Since 2015, elementary school pupils who have completed the grade 5 program and are confirmed in the report card as "Completed Primary School Program" are considered to achieve the primary education level.

Some notes on identifying the highest level of education and training are as follows:

(1) Under primary level include those who: (i) have completed the preschool program but have not attended primary school; (ii) Attending primary school; (iii) Although they have attended school, they have not achieved (have not graduated) any level.  
For example: A person who was attending grade 5 but drops out of school, his/her highest level is identified as "Below elementary school".

(2) Equivalent qualifications cannot be converted in the following cases:  
**- Officials attending political theory training programs such as basic politics, intermediate politics, and advanced politics (because these levels are not included in the National Education System).**  
**- Specialist I, Specialist II, and resident doctors cannot be converted to the equivalent of a master's or doctoral degree.**

(3) In case DTD studies and obtains a degree abroad, DTV records the corresponding qualifications.  
(4) Driving licenses for cars of classes B1, B2, C, D, E, and F are basic level.  
(5) If DTD is granted a degree from a religious school according to the National Education System, DTV records the corresponding qualifications.  
(6) In case DTD has both a high school diploma (code 04) and a degree at basic vocational (code 05) or intermediate level (code 06), DTV selects the higher code, i.e. code "05" or "06".

## description

UNIVERSE

Vietnam 2019: Persons age 5+ [discrepancies: none]

## concept

CONCEPT

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

### VN2019A\_LIT: Literacy

Data file: VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

LITERAL QUESTION

**Part 1. Information on household members**

16. What is the highest level of education/training that [the respondent] has completed or graduated?

1 Under primary  
2 Primary  
3 Lower secondary  
4 Higher secondary  
5 Short term training  
6 Voc. school  
7 College  
8 University  
9 Master  
10 Ph.D. (Doctor)

KT2. Check Q16: Q16 = 1 (below primary) to Q19, otherwise to KT3

19. At present, can [the respondent] read and write?

1 Yes  
2 No

CATEGORIES

Value	Category
1	Can read and write
2	Cannot read and write
8	Unknown
9	NIU (not in universe)

INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

**Test 2 (KT2)**

The test question is intended to identify people with the highest education and training level who graduated/achieved below primary school (Question 16=1) to proceed to Question 19; with other cases (Question 16 not code 1), DTV proceeds to test question 3 (KT3).

Question 19: At the moment, is [the respondent] able to read and write?  
 Ability to read and write: The ability to read and write a simple passage in daily life in the Vietnamese language, an ethnic language or a foreign language.

If DTDT can read but cannot write, DTV records the person's ability to read and write as "no".

## description

### UNIVERSE

Vietnam 2019: Persons age 5+ who completed under primary, are attending pre-school, or never attended school [discrepancies: type I none; type II trace]

## concept

### CONCEPT

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## VN2019A\_SCHOOL: Attending school

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

14. At present, has [the respondent] been attending, stopped schooling or never attended schools?  
 1 Attending  
 2 Stopped schooling (skip to Q16)  
 3 Never attended (skip to Q19)

### CATEGORIES

Value	Category
1	Attending
2	Stopped school
3	Never attended
9	NIU (not in universe)

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household  
 Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 14: At the moment, does [the respondent] attend school, has dropped out, or has never attended school?

Attendance status is identified based on whether DTD is attending/has ever attended any program in the National Education System, including educational levels and equivalent training levels: preschool, elementary school, middle school, high school, intermediate school (vocational/professional), college (vocational/professional), university, master and doctorate.

If the program that DTD is attending does not belong to one of the above educational levels and training levels, it is not considered "attending school."

DTD is identified as "dropped out" if he/she has attended a class in one of Vietnam's National Education Systems up to now including the national education system during the French colonial period, the education system from 1945 to 1954, the system of continuation education, the Northern education system, and the current education system.

Some notes:

A person is not counted as attending school if he/she participates in courses that do not belong to State education, training, and vocational programs such as: Preparation courses for university exams; English exams; Apprenticeship with teachers; Classes organized by businesses in the form of tutoring; Professional training programs organized by the agency/industry; People studying political theory training program.

A person is counted as attending school if he/she participates in State education, training, and vocational programs and is granted certifications, certificates, diplomas, etc. For example, people taking basic professional driving classes to obtain licenses of B1, B2, C, D, E, or F level are identified as attending school.

A person who has completed a level of education or a State education, training, and vocational program (or its equivalent, for example, overseas programs) but has not been awarded a diploma or certificate for completing that level of study, he/she is still counted as "attending school" at the level/program of study completed but not yet awarded the degree. For example: By the time of the census, DTD had completed the high school graduation exam and knew that he/she passed, but without a certificate of completion of the high school program, he/she is still counted as attending high school.

## description

UNIVERSE

Vietnam 2019: Persons age 5+ [discrepancies: none]

## concept

CONCEPT

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## VN2019A\_SCHOOLLEV: Level of education or training currently attending

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

## LITERAL QUESTION

Part 1. Information on household members

14. At present, has [the respondent] been attending, stopped schooling or never attended schools?

1 Attending  
2 Stopped schooling (skip to Q16)  
3 Never attended (skip to Q19)

15. What is the level of education/training that [the respondent] is currently attending?

1 Pre-school below 5 years old (skip to Q19)  
2 Pre-school at 5 years old (skip to Q19)  
3 Primary  
4 Lower secondary  
5 Higher secondary  
6 Pre-intermediate  
7 Intermediate  
8 College  
9 University  
10 Master  
11 PhD (Doctor)

## CATEGORIES

Value	Category
01	Pre-school below 5 years old
02	Pre-school at 5 years old
03	Primary
04	Lower secondary
05	Higher secondary
06	Pre-intermediate
07	Intermediate
08	College
09	University
10	Master
11	Ph.D. (doctorate)
99	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 15: What is the level of education and training [the respondent] is pursuing?

This question is only intended for people attending school (Question 14, select code "1").

[p.49]

- Preschool: Preschool education includes nursery school and kindergarten education for children from 3 months old to 6 years old.  
This question about preschool under 5 years old and preschool at 5 years old is intended to evaluate the implementation of the universal preschool project for children aged 5 years old. If DTD is 5 years old but only attends the 4-year-old preschool class, DTV must select code 1 "Preschool under 05 years old".  
- Primary school: 5 school years, from grade 1 through grade 5.  
- Secondary school (THCS): 04 school years, from grade 6 through grade 9.  
- High school (THPT): 3 school years, from grade 10 through grade 12.  
- Basic level: The basic training level has a training period of less than 1 year in order to help learners obtain skills to perform simple tasks of a profession.  
- Intermediate school: Intermediate-level training programs with a minimum training period equivalent to one year of intensive study for high school graduates; from 2 to 3 years of intensive study (depending on the industry or profession) for secondary school graduates. Vocational schools and professional schools are classified as intermediate schools.  
- College: The study volume of a college training program is equivalent to 2 to 3 years of intensive study, depending on the major or profession, for high school graduates; from 1 to 2 years of intensive study, for those who graduated from intermediate school and have a high school diploma, or studied and passed the exam prescribed by Ministry of Education and Training. Professional colleges and vocational colleges are both classified as colleges.  
- University: The duration of a university training program is equivalent to 3 to 6 years of intensive study for high school graduates or those who graduated

from intermediate school.<br /><br />- Master: The duration of master-level training is equivalent to 1 to 2 years of intensive study, depending on the requirements of the major.<br /><br />- Doctorate: The duration of doctoral training is equivalent to 3 to 4 years of intensive study, depending on the requirements of the major and the entry-level of the learners.</div><p>Notes:</p>

<div class="i1">- In case DTD is attending an intermediate school/college and in the program is taught supplemental knowledge of secondary school/high school, the level is identified as intermediate school/college.</div><span class="pg">[p.50]</span><div class="i1">- In case DTD is studying at both the high school level and vocational training, record the code of the high school level. For example: A person is studying in high school, and at the same time, is studying basic professional training for civil electricians, DTV records high school level.<br /><br />- If all levels that DTD is studying at are not high school, DTV selects the higher code.</div>

## description

### UNIVERSE

Vietnam 2019: Persons age 5+ attending school [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## VN2019A\_YRSCHL: Total years of vocational training or post secondary education

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p>18. How many total years did [the respondent] spend attending all forms of vocational training, professional training, and university, master and PhD (doctorate) education, if any?</p>

<div class="i1">Number of years \_\_</div>

### CATEGORIES

Value	Category
00	0 year
01	1 year
02	2 years
03	3
04	4
05	5
06	6
07	7

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

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 18: What is the total number of school years completed in all levels of training from basic level upwards of [the respondent] (If any)?

DTV asks and records the total number of years that DTD completed in all training programs from the basic level upwards (excluding certification programs).

The total number of school years completed is the number of years required to study in order to achieve a certain level of training without counting the number of years repeated or the number of years for which results are reserved. For people who have not studied at any training level from the basic level upwards, DTV records the number of school years as "0".

For example: The training program in Business Administration at Hanoi National Economics University consists of 4 years. For a person that had to study for 6 years to graduate (repeated 2 years), DTV only records the total number of school years as "4".

Some cases to notice:

- People who attend political theory training programs (basic politics, intermediate politics, and advanced politics) or specialist I, specialist II, and resident doctors may not be converted to equivalent education and training qualifications in Questions 15 and 16, but the number of school years is still counted.  
For example: A person completed 06 years of Medical school, then studied in a specialist I program for 2 years. So, this person's number of school years is: 6 + 2 = 8 years.  
- For people who have completed or graduated from two or more training levels, not within the same study period, the total number of school years is equal to the total number of years that person has completed or graduated from all those training levels.  
For example: A person who graduated from Hanoi University of Science and Technology with a study period of 5 years, then studied for another 4 years for a second degree from Hanoi National Economics University and has now graduated. This person's total number of school years is: 5 years + 4 years = 9 years.  
- If the training levels have the same study period or there are a number of years overlapping, the total number of school years is equal to the time it takes that person to complete or graduate from all those training levels (the overlapping study period is only counted for one level of training).  
For example: A person who had just finished his second year at Hanoi National Economics University (04-year system) and studied simultaneously at Hanoi University of Science and Technology (05-year system). After graduating from Hanoi National Economics University, the person has to study for another 3 years before graduating from Hanoi University of Science and Technology. So, this person's total number of school years is: 4 years + 3 years = 7 years.

[p.54]

- If a person was in the middle of a training program but dropped out, record the highest grade completed.  
For example: A person was in the middle of the 3rd year of university but dropped out, the total number of school years is 2 years.  
- For people taking only one basic professional class1, convert to a rounded number of

years: </div><div class="i2">- Write "0" if the study period is less than 6 months;<br />- Write "1" if the study period is from 6 months to less than 12 months (under 1 year).</div><div class="i1">- For people who study two or more basic professional classes but not within the same study period, the total number of years of professional training is equal to the total time taken to complete or graduate from the above basic professional classes (convert to a rounded number of years). If the study period of the above classes is the same, the total number of years of professional training is equal to the time it takes for the person to complete or graduate from all of the above classes (the overlapping study period is only counted for one type of basic professional training, convert to a rounded number of years).</div><p>For example: A person learned electric welding for 9 months, then learned to repair motorcycles for 10 months, then learned to install interior electrical for 11 months. The total time of this person's basic professional training is: 9 months + 10 months + 11 months = 30 months = 2 years + 6 months. In this case, DTV records the total number of school years as 3 years (6 months are rounded to 1 year).</p>

<p>For example: A person learned electric welding for 8 months, then learned to repair motorcycles for 10 months, then learned to install interior electrical for 11 months. Total time of this person's basic professional training = 8 months + 10 months + 11 months = 29 months = 2 years + 5 months. In this case, DTV records the total number of school years as 2 years (5 months are rounded to 0 year).</p>

<p>Identifying examples for Question 17 and Question 18: A person who graduated from Hanoi National Economics University after 4 years of study. Then the person studies for a master's degree for 3 years at Hanoi National Economics University. In addition, after completing the first year of graduate school, the person studied for a College Degree in Informatics from Hanoi University of Science and Technology for a period of 3 years. The person graduated with the College Degree in Informatics 1 year after graduating from the Master of Economics program. DTV identifies as follows: Question 17, record the general education grade as 12 years; Question 18, the total number of school years as: 4 years + 3 years + 1 year = 8 years.</p>

<p><span class="pg">[p.55]</span></p>

<p>Identifying example for Questions 16 to 18: A person did not complete grade 10 but dropped out. The person then studied at an intermediate transportation school for 2 years, and the person was awarded an intermediate degree which is his/her highest degree. While studying at the intermediate school, the person studied additional knowledge to complete the high school program. DTV records Questions 16, 17, and 18 as follows:</p>

<p>[A figure is omitted here]

## description

### UNIVERSE

Vietnam 2019: Persons age 5+ who ever attended school except those currently attending pre-school [discrepancies: type I trace; type II 0.3%]

## concept

### CONCEPT

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## VN2019A\_AGEMARR: Age at first marriage

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

KT4. Check Q4 or Q5: from 15 to 39 years old (born since April 1979 to March 2004) then go to Q21; otherwise go to Q23.

22. What was solar calendar age of [the respondent] when he/she got married the first time?

Completed age \_\_

### CATEGORIES

Value	Category
11	11 or younger
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

98	Unknown
99	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

**Test 4 (KT4)**

The test question is intended to identify people aged from 15 to 39 (born from April 1979 to March 2004) to proceed to Question 21; for people aged 40 and over, DTV asks Question 23.

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 21 for people born between 1980 and 2004.

**Question 22: How old was [the respondent] according to the solar calendar when getting married for the first time?**

The question is only intended for people who do not remember the year of their first marriage (Question 21, select code "9998").

The question is intended to collect information about the rounded solar age of DTD at the first marriage. Therefore, when DTD answers about their age at first marriage, DTV has to ask "Is it according to the lunar calendar or solar calendar?" If DTD answered that it is according to the lunar calendar, DTV must subtract 01 to get the age according to the solar calendar (because the age according to the lunar calendar is usually 1 year more than the solar calendar).

In case DTD cannot remember his/her age at the first marriage, DTV can use relevant records, and documents (for example: marriage certificate) or discuss with other members of the household to inquire about the age of DTD at the first marriage.

## description

### UNIVERSE

Vietnam 2019: Persons age between 15 and 39 who ever married [discrepancies: type I trace; type II trace]

## concept

### CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## VN2019A\_MARRMO: Month of first marriage

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

KT4. Check Q4 or Q5: from 15 to 39 years old (born since April 1979 to March 2004) then go to Q21; otherwise go to Q23.

21. In what solar calendar month and year did [the respondent] get married the first time?  
 Month \_\_ Year \_\_\_\_ (skip to Q23) Not stated year (9998)

### 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)

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household  
 Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 4 (KT4)  
 The test question is intended to identify people aged from 15 to 39 (born from April 1979 to March 2004) to proceed to Question 21; for people aged 40 and over, DTV asks Question 23.

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 21 for people born between 1980 and 2004.

Question 21: [the respondent] got married for the first time in which solar month and year?  
 The question is intended to collect information about the solar month and year when people aged 15 to 39 got married for the first time.

The first marriage is the first marriage of DTD that is recognized by local laws, customs, and practices; or living together with someone of the opposite sex for the first time as a spouse.

[p.57]

The way to ask and write Question 21 is the same as that for Question 4 "The month and year of birth according to the solar calendar" (see instructions on how to ask and record for Question 4). Please note, the question is only intended for people aged 15 - 39, so DTDI tends to remember the month and year of their first marriage.

## description

UNIVERSE

Vietnam 2019: Persons age between 15 and 39 who ever married [discrepancies: type I trace; type II trace]

## concept

CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## VN2019A\_MARRYR: Year of first marriage

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

Part 1. Information on household members

KT4. Check Q4 or Q5: from 15 to 39 years old (born since April 1979 to March 2004) then go to Q21; otherwise go to Q23.

21. In what solar calendar month and year did [the respondent] get married the first time?  
 Month \_\_  
 Year \_\_\_\_ (skip to Q23)  
 Not stated year (9998)

CATEGORIES

Value	Category
1993	1993 or before
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
9998	Unknown
9999	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 4 (KT4)

The test question is intended to identify people aged from 15 to 39 (born from April 1979 to March 2004) to proceed to Question 21; for people aged 40 and over, DTV asks Question 23.

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 21 for people born between 1980 and 2004.

Question 21: [the respondent] got married for the first time in which solar month and year?  
The question is intended to collect information about the solar month and year when people aged 15 to 39 got married for the first time.

The first marriage is the first marriage of DTD that is recognized by local laws, customs, and practices; or living together with someone of the opposite sex for the first time as a spouse.

[p.57]

The way to ask and write Question 21 is the same as that for Question 4 "The month and year of birth according to the solar calendar" (see instructions on how to ask and record for Question 4). Please note, the question is only intended for

people aged 15 - 39, so DTD T tends to remember the month and year of their first marriage.

## description

### UNIVERSE

Vietnam 2019: Persons age between 15 and 39 who ever married [discrepancies: type I trace; type II trace]

## concept

### CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## VN2019A\_MARST: Marital status

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

KT3. Check Q4 or Q5: from 15 years old and over (born before April 2004) then go to Q20, otherwise go to KT6

20. What is the currently marital status of [the respondent]?

1 Never married  
2 Currently married  
3 Widowed  
4 Divorced  
5 Separated

#### CATEGORIES

Value	Category
1	Never married
2	Currently married
3	Widowed
4	Divorced
5	Separated
9	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD T face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider

is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 3 (KT3)

The test question is intended to identify people 15 years of age or older (born before April 2004) to inquire about marital status; for people under 15 years old, DTV asks for the general information of the next person.

Question 20: What is [the respondent]'s current marital status?

The question is intended to collect information about DTD's current marital status (i.e., at the time of census on April 1, 2019). A person's marital status can only fall into one of the following five categories:

- Unmarried: The status of a person who has never been married or has never lived with a person of the opposite sex as a spouse.  
 - Married: The status of a person currently recognized by local law or custom as having a spouse or living with a person of the opposite sex as a spouse.  
 - Widowed: The status of a person who is not currently remarried after their spouse has died.  
 - Divorced: The status of a person who was once married, but is currently divorced (decided by the court) and is not currently remarried.  
 - Separated: The status of a person recognized by local law or custom as having a spouse but is currently not living with their spouse as husband/wife.  
 Note: It is necessary to distinguish between a couple who are separated and people who live away from their spouse for reasons such as working or a business trip away from home (even working abroad) for a long time. These people still have the status of "Married".

## description

UNIVERSE

Vietnam 2019: Persons age 15+ [discrepancies: type I trace; type II none]

## concept

CONCEPT

var_concept.title	Vocabulary
Demographic Variables -- PERSON	IPUMS

## VN2019A\_OCC1: Occupation, 1 digit

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

Part 1. Information on household members

26. What is the main job/ task that [the respondent] has done for the last 7 days or did previously?

Example 1: Describe main job: assembly manager for electricity and electrical equipment  
 Title: factory manager  
 Example 2: Describe main job: building houses  
 Title: build manager  
 Main tasks \_\_\_\_\_ Title (if any) \_\_\_\_\_ Occupational code \_\_\_\_\_

CATEGORIES

Value	Category
01	Leaders, managers and administrators of branches, levels and organizations
02	Professionals

03	Technicians and associate professionals
04	Clerks
05	Service workers and market sales workers
06	Skilled agricultural, forestry and fishery workers
07	Craft and related workers
08	Plant, machine operator and assemblers
09	Elementary occupations
99	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.

Question 26: Please describe the main job and title (if any) that [the respondent] did in the last 7 days or before taking temporary leave

DTV asks about the main job that DTDT did in the last 07 days; priority is given to asking about regular jobs that DTDT did even though they might not do this regular job in the last 7 days (if in the last 7 days they did not do this regular job, the question will be the same as that for people on temporary leave); if there is no regular main job, ask about the temporary job they did in the past 7 days.

Main job: Refers to regular, stable, or relatively stable work, the work that takes up the most time of DTDT.

For people who do not have a regular job but only have a temporary job (temporary, irregular, unstable), their main job in the past 7 days is the temporary job that took up the most time or generated the most income in the 7 reference days.

After identifying the main job, DTV asks to record a detailed description of this job (the more detailed the better); record the job title assigned to DTDT (if any) to perform the duties. The specific and detailed description of the job and title will help the recording of the job code more conveniently and accurately.

DTV leaves blank 4 boxes "job code" in the census form. Some notes when identifying the main job:

- For people who both work professionally and work in Party organizations and mass organizations (part-time - unpaid, concurrent), their professional work is identified as their main job. For example: A person who is both a rice farmer and the Secretary of the hamlet branch of the Party (part-time - unpaid, allowance only), DTV records their main job as "rice farmer". In case DTDT does not do any other work, only serves as the head of the population group and receives allowances, DTV records the main job as "Head of the population group" and for Question 30, select the code "salary earner".

Examples of how to record descriptions of the main job and title are as follows:

[A table is omitted here]

## description

### UNIVERSE

Vietnam 2019: Persons age 15+ who did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: none]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Work: Occupation Variables -- PERSON	IPUMS

**VN2019A\_OCC2: Occupation, 2 digit****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 1. Information on household members

26. What is the main job/ task that [the respondent] has done for the last 7 days or did previously?

Example 1: Describe main job: assembly manager for electricity and electrical equipment  
 Title: factory manager  
 Example 2: Describe main job: building houses  
 Title: build manager  
 Main tasks \_\_\_\_\_ Title (if any) \_\_\_\_\_ Occupational code \_\_\_\_\_

## CATEGORIES

Value	Category
11	Vietnam communist party leaders of central and local (full time)
12	Leaders of the national assembly and office of the country's president
13	Leaders of government
14	Leaders of people's court and procuracy
15	Leaders of local people's council and people's committee (including local specialized office, excluding justice and union offices)
16	Leaders of unions: fatherland front, labour union, women union, farmer union, communist youth union, war veteran union
17	Leaders of trade, humanity and other special interest
18	Leaders of corporation, head of company and equivalent
21	Science and technique professionals
22	Life science and health professionals
23	Teaching professionals
24	Business and management professionals
25	Information technology and telecommunication professionals
26	Legal, social and culture professionals
31	Science and engineering associate professionals
32	Health associate professionals
33	Business and management associate professionals

34	Legal, social and culture associate professionals
35	Information technology and telecommunication associate professionals
36	Teaching associate professionals
41	Office clerks
42	Customer services clerks
43	Data and information take-note clerks
44	Other office clerks
51	Personal services workers
52	Salespersons
53	Personal services workers
54	Protective services workers
61	Market-oriented skilled agricultural workers
62	Market-oriented skilled forestry, fishery and hunting workers
63	Subsistence agricultural, fishery, hunting and gathering workers
71	Building trades workers and related workers (excluding electricians)
72	Metal and machinery trades workers
73	Precision, handicraft, printing and related trades workers
74	Electrical and electronic workers
75	Food, wood, textile, garment and related products processing trades workers
81	Stationary instrument and machine operators
82	Assemblers
83	Drivers and mobile machinery operators
91	Domestic helpers and cleaners and related workers
92	Agricultural, forestry, fishery labourers
93	Labourers in mining, construction, manufacturing and transport
94	Helpers in food preparing
95	Sales and services elementary occupations
96	Garbage collectors and other elementary labourers
99	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.

**Question 26: Please describe the main job and title (if any) that [the respondent] did in the last 7 days or before taking temporary leave**

DTV asks about the main job that DTDT did in the last 07 days; priority is given to asking about regular jobs that DTDT did even though they might not do this regular job in the last 7 days (if in the last 7 days they did not do this regular job, the

question will be the same as that for people on temporary leave); if there is no regular main job, ask about the temporary job they did in the past 7 days.</p>

<p>Main job: Refers to regular, stable, or relatively stable work, the work that takes up the most time of DTD. </p>

<p>For people who do not have a regular job but only have a temporary job (temporary, irregular, unstable), their main job in the past 7 days is the temporary job that took up the most time or generated the most income in the 7 reference days.</p>

<p>After identifying the main job, DTV asks to record a detailed description of this job (the more detailed the better); record the job title assigned to DTD (if any) to perform the duties. The specific and detailed description of the job and title will help the recording of the job code more conveniently and accurately.</p>

<p>DTV leaves blank 4 boxes "job code" in the census form. Some notes when identifying the main job:</p>
 <div class="i1">- For people who both work professionally and work in Party organizations and mass organizations (part-time - unpaid, concurrent), their professional work is identified as their main job.<br /><br />For example: A person who is both a rice farmer and the Secretary of the hamlet branch of the Party (part-time - unpaid, allowance only), DTV records their main job as "rice farmer".<br /><br />- In case DTD does not do any other work, only serves as the head of the population group and receives allowances, DTV records the main job as "Head of the population group" and for Question 30, select the code "salary earner".</div><span class="pg">[p.61]</span></p>

<p>Examples of how to record descriptions of the main job and title are as follows:</p>

<p>[A table is omitted here]

## description

### UNIVERSE

Vietnam 2019: Persons age 15+ who did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Work: Occupation Variables -- PERSON	IPUMS

## VN2019A\_OCC3: Occupation, 3 digit

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p>26. What is the main job/ task that [the respondent] has done for the last 7 days or did previously?</p>
 <div class="i1">Example 1:<br />- Describe main job: assembly manager for electricity and electrical equipment<br />- Title: factory manager<br /><br />Example 2:<br />- Describe main job: building houses<br />- Title: build manager<br /><br />\_\_\_\_\_ Main tasks<br />\_\_\_\_\_ Title (if any)<br />Occupational code \_ \_ \_ \_</div>

## CATEGORIES

<b>Value</b>	<b>Category</b>
112	Vietnam communist party leaders of central or province level
113	Vietnam communist party leaders of district level
114	Vietnam communist party leaders of commune level
115	Vietnam communist party leaders at enterprises and organizations
120	Leaders of the national assembly and office of the country's president
130	Leaders of government
140	Leaders of people's court and procuracy
151	Leaders of people's council (full time)
152	Leaders of people's committee (including specialized offices)
161	Leaders of unions (excluding labour union) (full time)
162	Leaders of labour union (full time)
171	Leaders of trade union (full time)
172	Leaders of humanity organization and for other special interests (full time)
181	Chairmen, deputy chairmen of board of directors, directors general, deputy directors general, rectors, deputy rectors of big universities
182	Directors, deputy directors of production and implementation units belong to corporation, head of company, big university and equivalent
183	Directors, deputy directors of management units belong to corporation, head of company, big university and equivalent
184	Directors, deputy directors of company, enterprise, factory; rectors, deputy rectors of small colleague
211	Physical and the earth science professionals
212	Mathematical and statistical professionals
213	Life science and health professionals
214	Technical professionals (excluding electrical technique)
215	Electrical engineers
216	Architects, engineers and related professionals
221	Health professionals (excluding nursing)
222	Nursing and midwifery professionals
223	Traditional medicine and aid medicine professionals
224	Assistant doctor professionals
225	Veterinary professionals
226	Other health professionals
231	College, university and higher education teaching professionals
232	Trade teaching professionals
233	Secondary education teaching professionals
234	Primary and pre-primary education teaching professionals
235	Other teaching professionals not elsewhere classified (new)
241	Financial professionals
242	Management professionals

243	Sale, marketing and public relation professionals
244	Government adjustment professionals
251	Analysis and development software and application professionals
252	Data base and network professionals
261	Legal professionals
262	Archivists, librarians and related information professionals
263	Social and religion professionals
264	Writers, journalist and linguist
265	Creative and performing artists
311	Physical science and engineering associate professionals
312	Mining, manufacturing and building inspectors
313	Checking, operating and controlling procedure technicians
314	Life sciences technicians and related technicians
315	Ship and aircraft controllers and technicians
321	Health and pharmaceutics associate professionals
322	Nursing and midwifery associate professionals
323	Traditional medicine practitioners and related technicians
324	Veterinary associate professionals and related technicians
325	Other health associate professionals
331	Applied mathematics and finance associate professionals
332	Sale and trade agents and brokers
333	Business services employee agents
334	Administrative associate professionals
335	Government adjustment associate professionals
341	Legal, social and religion associate professionals
342	Sport and sport training associate professionals
343	Fine art, culture and cooking associate professionals
351	Assistant to user and operate associate professionals in information technology and telecommunication
352	Telecom and television technicians
361	Primary education teaching associate professionals
362	Pre-primary education teaching associate professionals
363	Special education teaching associate professionals
364	Other teaching associate professionals
411	General office clerks
412	Secretaries (general)
413	Keyboard operating clerks
421	Cashiers, tellers and related clerks
422	Client information clerks
431	Data clerks and related clerks

432	Information take-note clerks
440	Other office clerks
511	Travel attendants and guides
512	Cooks
513	Waiters and bartenders
514	Hairdressers, barbers, beauticians and related workers
515	House stewards and housekeepers
516	Other personal services workers
521	street and market salespersons
522	Shop salespersons
523	Cashier, tellers and related clerks
524	Other salespersons
531	Child care workers and associate teachers
532	Nursing and personal health care workers
540	Protective services workers
611	Market gardeners and crop growers
612	Market-oriented animal producers
613	Market-oriented crop and animal producers
621	Market-oriented skilled forestry workers and related workers
622	Market-oriented skilled fishery and hunting workers
631	Subsistence agricultural workers
632	Subsistence animal producers
633	Subsistence crop and animal producers
634	Subsistence fishery, hunting, trapping and gathering workers
711	Building frame and related trades workers
712	Building finishers and related trades workers
713	Painters, building structure cleaners and related workers
721	Metal molders, welders, sheet-metal workers, structural metal prepares, and related workers
722	Blacksmiths, toolmakers and related workers
723	Machinery mechanics and fitters
731	Handicraft workers
732	Printing and related trades workers
741	Electrical instrument repairers and fitters
742	Telecommunication instrument repairers and fitters
751	Food and related products processing trades workers
752	Wood, wood products and related processing trades workers
753	Textile, garment and related products processing trades workers
754	Other handicraft and related trades workers
811	Mineral products processing machine operators

812	Metal products processing machine operators
813	Chemical, photographic and film products machine operators
814	Paper, plastic and rubber products machine operators
815	Textile material, leather, animal feather products machine operators
816	Food and related products processing machine operators
817	Paper and wood products machine operators
818	Other machine and instrument operators
820	Assemblers
831	railway engine drivers and related workers
832	Passenger car, van and motorcycle drivers
833	Middle lorry, heavy truck and bus drivers
834	Mobile machinery operators
835	Ships' deck crews and related workers
911	Domestic, hotel, office helpers and cleaners
912	Car, window cleaners, laundry persons and related workers by hand
920	Agricultural, forestry, fishery labourers
931	Labourers in mining and construction
932	Labourers in manufacturing
933	Labourers in transport and warehouse
940	Helpers in food preparing
951	Labourers in street and related labourers
952	Street vendors, other product (excluding street food vendors)
961	Garbage collectors and related labourers
962	Other elementary labourers
999	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.

Question 26: Please describe the main job and title (if any) that [the respondent] did in the last 7 days or before taking temporary leave

DTV asks about the main job that DTDT did in the last 07 days; priority is given to asking about regular jobs that DTDT did even though they might not do this regular job in the last 7 days (if in the last 7 days they did not do this regular job, the question will be the same as that for people on temporary leave); if there is no regular main job, ask about the temporary job they did in the past 7 days.

Main job: Refers to regular, stable, or relatively stable work, the work that takes up the most time of DTDT.

For people who do not have a regular job but only have a temporary job (temporary, irregular, unstable), their main job

in the past 7 days is the temporary job that took up the most time or generated the most income in the 7 reference days.

After identifying the main job, DTV asks to record a detailed description of this job (the more detailed the better); record the job title assigned to DTD (if any) to perform the duties. The specific and detailed description of the job and title will help the recording of the job code more conveniently and accurately.

DTV leaves blank 4 boxes "job code" in the census form. Some notes when identifying the main job:

- For people who both work professionally and work in Party organizations and mass organizations (part-time - unpaid, concurrent), their professional work is identified as their main job.  
For example: A person who is both a rice farmer and the Secretary of the hamlet branch of the Party (part-time - unpaid, allowance only), DTV records their main job as "rice farmer".  
- In case DTD does not do any other work, only serves as the head of the population group and receives allowances, DTV records the main job as "Head of the population group" and for Question 30, select the code "salary earner".

Examples of how to record descriptions of the main job and title are as follows:

[A table is omitted here]

## description

### UNIVERSE

Vietnam 2019: Persons age 15+ who did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Work: Occupation Variables -- PERSON	IPUMS

## VN2019A\_WKBENEF: Paid or received benefits from production or business activities without working

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

24. Although [the respondent] did not work, was he/she paid or did he/she receive any benefits from a production or business activity?

[ ] 1 Yes (skip to Q26) [ ] 2 No

#### CATEGORIES

Value	Category
1	Yes

2	No
9	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

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The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 24: Although not working, does [the respondent] get paid/remunerated or get benefits from production and business activities?

The question is intended to identify whether, during the idle periods, DTD continues to get paid/remunerated or get benefits from his business and production activities. If during the idle period, DTD still receives salary/wages/benefits from the production and business activities, it proves that DTD's level of commitment to the work is quite high and DTD will be identified as employed. In case DTD does not receive salary/wages/benefits during the idle period, DTV must ask follow-up questions to identify DTD's economic status. DTV relies on DTD's answers to select the appropriate code.

Some cases to notice:

Incomes from pensions, allowances for loss of working capacity, and interest on bank deposits are not counted as salary/wages from work. People receiving dividends from stocks and bonds, if they do not participate directly in the production and business process of the enterprise to generate profits, but simply buy shares to receive the profits, are not counted as benefiting from production and business activities. For people who quit their jobs, if during the idle period they still receive a monthly payment from Social Insurance and do not receive any other payment from the workplace, DTV selects code "2".

## description

## UNIVERSE

Vietnam 2019: Persons age 15+ who did not do paid work in the past seven days [discrepancies: none]

## concept

## CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

### VN2019A\_WKRETURN: Will return to a job in the next 30 days

Data file: VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

## LITERAL QUESTION

Part 1. Information on household members

25. Does [the respondent] have a job he/she will return to in the next 30 days?

1 Yes  
2 No (skip to Q31)

#### CATEGORIES

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

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.

Question 25: Does [the respondent] already have a job and will return to it in the next 30 days?

The question is intended to identify more information about people, although not working in the past 7 days to generate income, not getting paid, but having a level of commitment to a certain job to identify the employment status of DTDT.

For example: A person is a carpenter, in the past 7 days he took his child to Hanoi to study for the university exam, so he did not do carpentry, nor did he do anything to generate income. He intends to return to carpentry in 1 week (from the time DTV conducts the interview). Thus, DTV identifies the answer as code "1".

For women on maternity leave, DTV asks to identify if at the end of the maternity leave as prescribed by the State (6 months), they will definitely return to the job that they took leave from within the next 30 days.

#### description

#### UNIVERSE

Vietnam 2019: Persons age 15+ who did not do paid work in the past seven days [discrepancies: type I none; type II trace]

#### concept

#### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

### VN2019A\_WORK: Paid work in the past seven days

Data file: VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

23. In the last 7 days, did [the respondent] work for at least one hour as part of earning income for him/her-self or family?

1 Yes (skip to Q26) 2 No 3 Abroad (skip to KT6)

### CATEGORIES

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

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 23: In the past 7 days, did [the respondent] do any work for 1 hour or more to generate income for themselves or their family?

DTV asks about the past 7 days before the day DTV visits the household to interview. For example: If DTV visits the household on April 10, 2019, the past 7 days is from April 3 to April 9, 2019. If DTD passed away after the time of the census (after April 1, 2019), DTV asks for information about DTD's work in the 7 days before their death.

Work is an activity in 1 hour or more that generates income and is not prohibited by law. Therefore, if DTD does work prohibited by law in the past 7 days before DTV visits the household, DTV identifies that DTD does not work (Question 23=2).

(1) Some of the work identified as working to generate income for themselves or their family includes:

Work performed by DTD to earn the agreed salary/wage. If DTD works but has not been paid because the employer owes them a salary or it is not yet the time to be paid, they are still considered to do work that generates income. DTD does work in which they directly participate in the management and implementation of production activities belonging to themselves, their household, or the establishment they own (either alone or with other people) in order to generate income for themselves and their family. That income can be agricultural products such as: rice, vegetables, crops for sale/exchange or to feed themselves and their families; non-agricultural products such as beds, cabinets, tables, chairs, etc., or services for sale and exchange on the market. [p.58] For example: Farming to harvest rice for family use or sale; free trade; making tables and chairs; trading in stores owned by themselves; members of agricultural cooperatives, etc. The work that DTD does as an unpaid/paid family worker: People who assist or jointly participate in the household/family's production and business activities to generate income for the household/family not owned by themselves (directed or operated by another person) and are not paid for that work. For example: Pupils and students participate in farming with their parents in the family's field; parents help their children in sales, ...

(2) Some cases are not counted as working to generate income for themselves or their family include:

Participants in charity and humanitarian activities; unpaid/paid volunteer workers (For example: youth volunteers, etc.): People who have worked in the past 7 days to create goods or provide services for others but are not paid/remunerated for that work or do not generate income for themselves or the volunteers' families. Volunteers may receive a few small benefits, which may be cash to pay for activities to do the volunteering or benefits in the form of meals,

transportation/communication support or small gifts of spiritual significance.<br /><br />- Unpaid apprentices and interns (including students and pupils doing an internship).<br /><br />- Seasonal workers not working during the off-season.<br /><br />- People receiving income from pensions, benefits, the transactions, transfers of assets in cash, or other forms (such as bank interest, stock dividends, gifts, etc.).<br /><br />- People who do housework or household chores for their family.</div>

## description

UNIVERSE

Vietnam 2019: Persons age 15+ [discrepancies: type I trace; type II none]

## concept

CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

### VN2019A\_CLASSWK: Class of worker

Data file: VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p>30. With the above-mentioned job, what was [the respondent]'s role?</p>

<div class="i1">(Read multiple choice)<br /><br />[] 1 Owner of the facility (can hire regular leaders)<br />[] 2 Self-employed<br />[] 3 Family labor<br />[] 4 Cooperative member<br />[] 5 Salary earner<br /><br />(If any is selected, skip to KT6)</div>

CATEGORIES

Value	Category
1	Owner of the facility
2	Self-employed
3	Family labor
4	Cooperative member
5	Salary earner
9	NIU (not in universe)

INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 1: Information about members of the household</span>

<br />Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.</p>

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 30: With the above job, what is the role of [the respondent]?  
This question is intended to identify the employment positions of DTD. DTV reads 5 suggested answer codes and based on the answer of DTD records information.

Employment positions include the following groups:

Facility owner (with regular employment): People who manage, operate, and own part or all of the capital of a basic economic unit that employs or hires at least one paid employee.  
Self-employed: People who work for themselves instead of working for other employers to gain wage/salary. Self-employed people generate their income through production and business activities that they directly carry out, including:  
Owners of non-agricultural, forestry, and fishery production and business facilities that do not hire workers;  
Owners of agricultural, forestry, and fishery households that do not hire workers;  
People peddling on sidewalks, traveling merchants, motorbike taxis, fixing tires, repairing cars, etc. (excluding people who are paid to do these jobs).  
Family worker: People who participate in production and business activities organized by their own family members and are not paid for that work.  
Cooperative members: People who contribute capital and work together in cooperatives established under the Cooperatives Code.  
People who do not contribute capital but work for the cooperative are not cooperative members.  
Salary earner: People who are hired by other organizations and individuals under agreements/contracts (labor contracts, employment offers, etc...) to perform one or a series of jobs to achieve the purposes of that organization or individual and compensated by that organization or individual in the form of wages/salary or in kind.

Some examples of identifying employment positions:  
DTD drives his car to carry passengers and does not hire other workers, DTV identifies as "self-employed."  
Husband helps his wife harvest latex. The wife works as a rubber farm worker. DTV identifies the wife as the "salary earner", and the husband as a "family worker."  
DTD is the head of the population group (with no other work) and receives a monthly allowance. DTV identifies this person as a "salary earner."  
DTD works as a domestic helper and is paid monthly. DTV identifies this person as a "salary earner."  
DTD owns a percentage of the capital of a basic economic unit but only earns salary at the unit and does not participate in the management and administration process. DTV identifies this person as a "salary earner."

## description

### UNIVERSE

Vietnam 2019: Persons age 15+ who did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## VN2019A\_IND1: Industry, 1 digit

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

### Questions and instructions

## LITERAL QUESTION

Part 1. Information on household members

27. What is the main activity/ product of the place/facility where [the respondent] worked for the last 7 days/ did previously?

Example 1: - Name of the facility: garment factory, Viet Tien garment corporation - Main product/service: clothing  
 Example 2: - Name of the facility: Hoa Lan restaurant - Main product/ service: food and drink service  
 Name of the facility (if any) \_\_\_\_\_ Main product/ service \_\_\_\_\_  
 Sectoral code \_\_\_\_\_

## CATEGORIES

Value	Category
001	Agriculture, forestry and fishing
005	Mining and quarrying
010	Manufacturing
035	Manufacture and distribution of electricity, gas, hot water, steam and air conditioning
036	Water supply; waste and wastewater management and treatment activities
041	Construction
045	Wholesale and retail trade; repair of motor vehicles, motorcycles and other motor vehicles
049	Transportation and storage
055	Accommodation and food service activities
058	Information and communication
064	Financial, banking and insurance activities
068	Real estate activities
069	Professional, scientific and technical activities
077	Administrative and support service activities
084	Activities of vietnam's communist party, socio-political organizations, state management and national defence and security; compulsory social security
085	Education and training
086	Human health and social work activities
090	Arts, entertainment and recreation
094	Other service activities
097	Activities of households as employers; goods-producing and services-producing activities of households for own use
099	Activities of international organizations and bodies
999	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 27: What is the name of the facility (if any) and the main product or service of the facility

where [the respondent] worked in the past 7 days or before taking temporary leave? </span>

<br />DTV needs to specify the name of the business facility (if any) and the main products/services that the DTD's facility produces or performs.</p>

<p>The concept of "facility" mentioned in the question is a basic economic unit, understood as the smallest economic entity, which can be an enterprise, company, corporation, socio-economic organization, agency with legal status, a household, etc., regardless of economic type, as long as the value of products/services generated from the facility can be accounted/determined independently of other facilities.</p>

<p>DTV left blank 4 boxes "industry code" in the census form. For example: DTD works at the Cement Packaging Production Factory of Nghi Son Cement Corporation and the products of this enterprise can be accounted for separately (costs calculated separately). For this question, DTV records as follows:</p>

<p>[Figures are omitted here]

## description

### UNIVERSE

Vietnam 2019: Persons age 15+ who did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Work: Industry Variables -- PERSON	IPUMS

## VN2019A\_IND2: Industry, 2 digit

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p>27. What is the main activity/ product of the place/facility where [the respondent] worked for the last 7 days/ did previously?</p>

<div class="i1">Example 1:<br />- Name of the facility: garment factory, Viet Tien garment corporation<br />- Main product/service: clothing<br /><br />Example 2:<br />- Name of the facility: Hoa Lan restaurant<br />- Main product/service: food and drink service<br /><br />Name of the facility (if any) \_\_\_\_\_<br />Main product/ service \_\_\_\_\_<br />Sectoral code \_\_\_</div>

### CATEGORIES

Value	Category
001	Agriculture and related service activities
002	Forestry and related service activities
003	Fishing and aquaculture

005	Mining of hard coal and lignite
006	Extraction of crude petroleum and natural gas
007	Mining of metal ores
008	Other mining and quarrying
009	Mining support service activities
010	Manufacture of food products
011	Manufacture of beverages
012	Manufacture of tobacco products
013	Manufacture of textiles
014	Manufacture of wearing apparel
015	Manufacture of leather and related products
016	Manufacture of wood and of products of wood and cork, except furniture; manufacture of products of straw and plaiting materials;
017	Manufacture of paper and paper products
018	Printing and reproduction of recorded media
019	Manufacture of coke and refined petroleum products
020	Manufacture of chemicals and chemical products
021	Manufacture of pharmaceuticals, medicinal chemical and botanical products
022	Manufacture of rubber and plastics products
023	Manufacture of other non-metallic mineral products
024	Manufacture of metals
025	Manufacture of fabricated metal products, except machinery and equipment
026	Manufacture of computer, electronic and optical products
027	Manufacture of electrical equipment
028	Manufacture of machinery and equipment not elsewhere classified
029	Manufacture of motor vehicles and other motor vehicles
030	Manufacture of other transport equipment
031	Manufacture of furniture
032	Other manufacturing
033	Repair, maintenance and installation of machinery and equipment
035	Manufacture and distribution of electricity, gas, hot water, steam and air conditioning
036	Water collection, treatment and supply
037	Water drainage and wastewater treatment
038	Waste collection, treatment and disposal activities; materials recovery
039	Remediation activities and other waste management services
041	Construction of buildings
042	Civil engineering
043	Specialized construction activities
045	Sale and repair of motor vehicles, motorcycles and other motor vehicles

046	Wholesale (except motor vehicles, motorcycles and other motor vehicles)
047	Retail trade, (except motor vehicles, motorcycles and other motor vehicles)
049	Land transport and transport via railways and via pipelines
050	Water transport
051	Air transport
052	Warehousing and support activities for transportation
053	Postal and courier activities
055	Accommodation
056	Food and beverage service activities
058	Publishing activities
059	Motion picture, video and television programme production, sound recording and music publishing activities
060	Programming and broadcasting activities
061	Telecommunications
062	Computer programming, consultancy and related activities
063	Information service activities
064	Financial service activities (except insurance and social insurance)
065	Insurance, reinsurance and social insurance, except compulsory social security)
066	Other financial activities
068	Real estate activities
069	Legal and accounting activities
070	Activities of head offices; management consultancy activities
071	Architectural and engineering activities; technical testing and analysis
072	Scientific research and development
073	Advertising and market research
074	Other professional, scientific and technical activities
075	Veterinary activities
077	Renting and leasing of machinery and equipment (without operators); of personal and household goods; of non-financial intangible
078	Employment activities
079	Travel agency, tour operator and related activities
080	Security and investigation activities
081	Services to buildings and landscape activities
082	Office administrative, office support and other business support activities
084	Activities of Vietnam's Communist Party, socio-political organizations, state management, national defence and security, foreign relations and compulsory social security
085	Education and training
086	Human health activities
087	Residential care and nursing activities
088	Social work activities without accommodation
090	Creative, arts and entertainment activities

091	Libraries, archives, museums and other cultural activities
092	Lottery, betting and gambling activities
093	Sports activities and amusement and recreation activities
094	Activities of other associations and organizations
095	Repair of computers, personal and household goods
096	Other personal service activities
097	Activities of households as employers
098	Goods- and services-producing activities of households for own use
099	Activities of international organizations and bodies
999	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 27: What is the name of the facility (if any) and the main product or service of the facility where [the respondent] worked in the past 7 days or before taking temporary leave?

DTV needs to specify the name of the business facility (if any) and the main products/services that the DTD's facility produces or performs.

The concept of "facility" mentioned in the question is a basic economic unit, understood as the smallest economic entity, which can be an enterprise, company, corporation, socio-economic organization, agency with legal status, a household, etc., regardless of economic type, as long as the value of products/services generated from the facility can be accounted/determined independently of other facilities.

DTV left blank 4 boxes "industry code" in the census form. For example: DTD works at the Cement Packaging Production Factory of Nghi Son Cement Corporation and the products of this enterprise can be accounted for separately (costs calculated separately). For this question, DTV records as follows:

[Figures are omitted here]

#### description

##### UNIVERSE

Vietnam 2019: Persons age 15+ who did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: none]

#### concept

##### CONCEPT

var_concept.title	Vocabulary
Work: Industry Variables -- PERSON	IPUMS

**VN2019A\_IND3: Industry, 3 digit****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 3    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 1. Information on household members

27. What is the main activity/ product of the place/facility where [the respondent] worked for the last 7 days/ did previously?

Example 1: - Name of the facility: garment factory, Viet Tien garment corporation - Main product/service: clothing

Example 2: - Name of the facility: Hoa Lan restaurant - Main product/service: food and drink service

Name of the facility (if any) \_\_\_\_\_ Main product/ service \_\_\_\_\_

Sectoral code \_\_\_\_\_

## CATEGORIES

Value	Category
011	Growing of annual crops
012	Growing of perennial crops
013	Annual plant seedling propagation and care
014	Animal production
015	Mixed crop-livestock farming
016	Support activities to agriculture
017	Hunting, trapping and related service activities
021	Silviculture and other forestry activities and propagation of forest trees
022	Wood logging
023	Extraction and gathering of non-wood forest products
024	Support services to forestry
031	Fishing
032	Aquaculture
051	Mining and gathering of hard coal
052	Mining and gathering of lignite
061	Extraction of crude petroleum
062	Extraction of natural gas
071	Mining of iron ores
072	Mining of non-ferrous metal ores (except precious metal ores)
073	Mining of precious metal ores
081	Quarrying of stone, sand, gravel and clay
089	Mining and quarrying not elsewhere classified
091	Support activities for petroleum and natural gas extraction
099	Support activities for other mining and quarrying

101	Processing and preserving of meat and meat products
102	Processing and preserving of fisheries and fishery products
103	Processing and preserving of fruit and vegetables
104	Manufacture of vegetable and animal oils and fats
105	Manufacture of dairy products
106	Milling and manufacture of flour
107	Manufacture of other food products
108	Manufacture of feeds for cattle, poultry and aquatic animals
110	Manufacture of beverages
120	Manufacture of tobacco products
131	Spinning, weaving and finishing of textiles
139	Manufacture of other textiles
141	Manufacture of wearing apparel
142	Manufacture of articles of fur
143	Manufacture of knitted and crocheted apparel
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery
152	Manufacture of footwear
161	Sawmilling, planing and preserving of wood
162	Manufacture of wood and of products of wood and cork, except furniture; manufacture of products of straw and plaiting materials
170	Manufacture of paper and paper products
181	Printing and service activities related to printing
182	Reproduction of recorded media
191	Manufacture of coke
192	Manufacture of refined petroleum product
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms
202	Manufacture of other chemical products
203	Manufacture of man-made fibres
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products
221	Manufacture of rubber products
222	Manufacture of plastics products
231	Manufacture of glass and glass products
239	Manufacture of non-metallic mineral products not elsewhere classified
241	Manufacture of iron, steel and cast iron
242	Manufacture of precious and non-ferrous metals
243	Casting of metals
251	Manufacture of structural metal products, tanks, reservoirs and steam generators
252	Manufacture of weapons and ammunition
259	Manufacture of other fabricated metal products; metalworking service activities

261	Manufacture of electronic components and boards
262	Manufacture of computers and peripheral equipment
263	Manufacture of communication equipment
264	Manufacture of consumer electronics
265	Manufacture of measuring, testing, navigating and control equipment
267	Manufacture of optical instruments and photographic equipment
268	Manufacture of magnetic and optical video tapes and discs
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
272	Manufacture of batteries and accumulators
273	Manufacture of wiring and wiring devices
274	Manufacture of electric lighting equipment
275	Manufacture of domestic appliances
279	Manufacture of other electrical equipment
281	Manufacture of general-purpose machinery
282	Manufacture of special-purpose machinery
291	Manufacture of motor vehicles and other motor vehicles
292	Manufacture of bodies (coachwork) for motor vehicles and other motor vehicles; manufacture of trailers and semi-trailers
293	Manufacture of parts and accessories for motor vehicles and other motor vehicles
301	Building of ships and boats
303	Manufacture of air and spacecraft and related machinery
309	Manufacture of transport equipment not elsewhere classified
310	Manufacture of furniture
321	Manufacture of jewelry, bijouterie and related articles
322	Manufacture of musical instruments
323	Manufacture of sporting equipment
324	Manufacture of games and toys
325	Manufacture of medical and dental, and orthopedic and rehabilitation instruments and supplies
329	Other manufacturing not elsewhere classified
331	Repair and maintenance of fabricated metal products, machinery and equipment
332	Installation of industrial machinery and equipment
351	Electric power generation, transmission and distribution
352	Production of gas; distribution of gaseous fuels through mains
353	Manufacture and supply of steam, hot water, air conditioning and ice
360	Water collection, treatment and supply
370	Water drainage and wastewater treatment
381	Waste collection
382	Treatment and disposal of waste
383	Materials recovery

390	Remediation activities and other waste management services
410	Construction of buildings
421	Construction of roads and railways
422	Construction of utility projects
429	Construction of other civil engineering projects
431	Demolition and site preparation
432	Electrical, plumbing and other construction installation activities
433	Building completion and finishing
439	Other specialized construction activities
451	Sale of motor vehicles and other motor vehicles
452	Maintenance and repair of motor vehicles and other motor vehicles
453	Sale of parts and accessories for motor vehicles and other motor vehicles
454	Sale, maintenance and repair of motorcycles and related parts and accessories
461	Commission agents, brokers and auction agents
462	Wholesale of agricultural raw materials (except wood, bamboo) and live animals
463	Wholesale of food, beverages, tobacco and aztec tobacco
464	Wholesale of household goods
465	Wholesale of machinery, equipment and supplies
466	Other specialized wholesale
469	Other remaining specialized wholesale not elsewhere classified
471	Retail sale in non-specialized stores
472	Retail sale of food, beverages, tobacco and aztec tobacco in specialized stores
473	Retail sale of automotive fuel in specialized stores
474	Retail sale of information and communications equipment in specialized stores
475	Retail sale of other household equipment in specialized stores
476	Retail sale of cultural and recreation goods in specialized stores
477	Retail sale of other goods in specialized stores
478	Retail sale via stalls or markets
479	Retail trade not in stores, stalls or markets
491	Transport via railways
492	Passenger transport by buses
493	Other land transport
501	Sea and coastal water transport
502	Inland water transport
511	Passenger air transport
512	Other passenger air transport
521	Warehousing and storage
522	Support activities for transportation
531	Postal activities

532	Courier activities
551	Short-term accommodation activities
559	Motels, rooms for rent and similar lodging establishments
561	Restaurants and mobile food service activities
562	Event catering and other food service activities
563	Beverage serving activities
581	Publishing of books, periodicals and other publishing activities
582	Software publishing
591	Motion picture, video and television programme activities
592	Sound recording and music publishing activities
601	Radio broadcasting
602	Television broadcasting
611	Wired telecommunications activities
612	Wireless telecommunications activities
613	Satellite telecommunications activities
619	Other telecommunications activities
620	Computer programming, consultancy and related activities
631	Data processing, hosting and related activities; web portals
639	Other information service activities
641	Monetary intermediation
642	Activities of holding companies
643	Trusts, funds and similar financial entities
649	Other financial service activities (except insurance and social insurance)
651	Insurance
653	Social insurance and reinsurance
661	Activities auxiliary to financial service (except insurance and social insurance)
662	Activities auxiliary to insurance and social insurance, fund management activities
681	Trading of own or rented property and land use rights
682	Real estate consultancy and brokerage and auctioning, land use right auctioning
691	Legal activities
692	Accounting, bookkeeping and auditing activities; tax consultancy
701	Activities of head offices
702	Management consultancy activities
711	Architectural and engineering activities and related technical consultancy
712	Technical testing and analysis
721	Research and experimental development on natural sciences and engineering
722	Research and experimental development on social sciences and humanities
731	Advertising
732	Market research and public opinion polling

741	Specialized design activities
742	Photographic activities
749	Other professional, scientific and technical activities not elsewhere classified
750	Veterinary activities
771	Renting and leasing of motor vehicles
772	Renting and leasing of personal and household goods
773	Renting and leasing of other machinery, equipment and tangible goods without operator
774	Renting and leasing of non-financial intangible
781	Activities of employment placement agencies
782	Temporary employment agency activities
783	Provision and management of human resources
791	Travel agency and tour operator activities
799	Reservation service and related activities
801	Private security activities
802	Security systems service activities, investigation activities
811	Combined facilities support activities
812	Cleaning activities
813	Landscape care and maintenance service activities
821	Office administrative and support activities
822	Activities of call centres
823	Organization of conventions and trade shows
829	Other business support service activities not elsewhere classified
841	Activities of Vietnam's Communist Party, socio-political organizations, state management and economic and social policy administration
842	Provision of services to the nation as a whole
843	Compulsory social security activities
851	Preschool education (for infants from the age of three months to six years)
852	General education
853	Vocational education
854	Higher education
855	Other education
856	Educational support activities
861	Hospital and health station activities
862	Medical and dental practice activities
869	Other medical activities
871	Other medical activities
872	Residential care activities for mental retardation, mental health and substance abuse
873	Health care activities for the persons having rendered meritorious services, the elderly and disabled not capable of self-care
879	Other residential care activities

881	Social work activities without accommodation for the persons having rendered meritorious services, wounded and sick soldiers, the elderly and disabled
889	Other social work activities without accommodation
900	Creative, arts and entertainment activities
910	Libraries, archives, museums and other cultural activities
920	Lottery, betting and gambling activities
931	Sports activities
932	Other amusement and recreation activities
941	Activities of business associations, employers and professional organizations
942	Activities of trade unions
949	Activities of other organizations
951	Repair of computers and communication equipment
952	Repair of personal and household goods
961	Steambath, massage and health improvement services (excluding except sports activities)
962	Washing and (dry-) cleaning of textile and fur products
963	Other personal service activities not elsewhere classified
970	Activities of households as employers
981	Goods-producing activities of households for own use
982	Services-producing activities of households for own use
990	Activities of international organizations and bodies
999	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 27: What is the name of the facility (if any) and the main product or service of the facility where [the respondent] worked in the past 7 days or before taking temporary leave?

DTV needs to specify the name of the business facility (if any) and the main products/services that the DTD's facility produces or performs.

The concept of "facility" mentioned in the question is a basic economic unit, understood as the smallest economic entity, which can be an enterprise, company, corporation, socio-economic organization, agency with legal status, a household, etc., regardless of economic type, as long as the value of products/services generated from the facility can be accounted/determined independently of other facilities.

DTV left blank 4 boxes "industry code" in the census form. For example: DTD works at the Cement Packaging Production Factory of Nghi Son Cement Corporation and the products of this enterprise can be accounted for separately (costs calculated separately). For this question, DTV records as follows:

[Figures are omitted here]

## description

### UNIVERSE

Vietnam 2019: Persons age 15+ who did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Work: Industry Variables -- PERSON	IPUMS

## VN2019A\_IND4: Industry, 4 digit

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

27. What is the main activity/ product of the place/facility where [the respondent] worked for the last 7 days/ did previously?

Example 1: - Name of the facility: garment factory, Viet Tien garment corporation - Main product/service: clothing  
 Example 2: - Name of the facility: Hoa Lan restaurant - Main product/service: food and drink service  
 Name of the facility (if any) \_\_\_\_\_  
 Main product/ service \_\_\_\_\_  
 Sectoral code \_\_\_\_\_

#### CATEGORIES

Value	Category
0111	Growing of rice
0112	Growing of maize and other cereals
0113	Growing of starchy root and tuber crops
0114	Growing of sugar cane
0115	Growing of tobacco and aztec tobacco
0116	Growing of fibre crops
0117	Growing of oilseed crops
0118	Growing of vegetables, leguminous crops and flowers
0119	Growing of other annual crops
0121	Growing of fruits
0122	Growing of oleaginous fruits
0123	Growing of cashew trees

0124	Growing of pepper trees
0125	Growing of rubber trees
0126	Growing of coffee trees
0127	Growing of tea trees
0128	Growing of perennial spices, pharmaceutical and aromatic crops
0129	Growing of other perennial crops
0131	Annual plant seedling propagation and care
0132	Perennial plant seedling propagation and care
0141	Raising of buffaloes and cows and breeding of buffaloes and cows
0142	Raising of horses, donkeys and mules and breeding of horses and donkeys
0144	Raising of goats and sheep and breeding of goats, sheep, deers and sambar deers
0145	Raising of pigs and breeding of pigs
0146	Raising of poultry
0149	Raising of other animals
0150	Mixed crop-livestock farming
0161	Support activities for crop production
0162	Support activities for animal production
0163	Post-harvest crop activities
0164	Seed processing for propagation
0170	Hunting, trapping and related service activities
0210	Silviculture and other forestry activities and propagation of forest trees
0220	Wood logging
0231	Extraction of non-wood forest products
0232	Gathering of non-wood forest products
0240	Support services to forestry
0311	Marine fishing
0312	Inland fishing
0321	Marine aquaculture
0322	Inland aquaculture
0510	Mining and gathering of hard coal
0520	Mining and gathering of lignite
0610	Extraction of crude petroleum
0620	Extraction of natural gas
0710	Mining of iron ores
0720	Mining of non-ferrous metal ores (except precious metal ores)
0730	Mining of precious metal ores
0810	Quarrying of stone, sand, gravel and clay
0891	Mining of chemical and fertilizer minerals
0893	Extraction of salt

0899	Mining and quarrying not elsewhere classified
0910	Support activities for petroleum and natural gas extraction
0990	Support activities for other mining and quarrying
1010	Processing and preserving of meat and meat products
1020	Processing and preserving of fisheries and fishery products
1030	Processing and preserving of fruit and vegetables
1040	Manufacture of vegetable and animal oils and fats
1050	Manufacture of dairy products
1061	Milling and manufacture of meal
1062	Manufacture of starches and starch products
1071	Manufacture of bakery products
1072	Manufacture of sugar
1073	Manufacture of cocoa, chocolate and sugar confectionery
1074	Manufacture of macaroni, noodles and similar farinaceous products
1075	Manufacture of prepared meals and dishes
1076	Manufacture of prepared meals and dishes
1077	Manufacture of coffee
1079	Manufacture of other food products not elsewhere classified
1080	Manufacture of feeds for cattle, poultry and aquatic animals
1101	Distilling, rectifying and blending of spirits
1102	Manufacture of wines
1103	Manufacture of malt liquors and malt
1104	Manufacture of non-alcoholic beverages, and mineral waters
1200	Manufacture of tobacco products
1311	Spinning of textile fibres
1312	Weaving of textiles
1313	Finishing of textiles
1391	Manufacture of knitted, crocheted and non-woven fabrics
1392	Manufacture of made-up textile articles, except apparel
1393	Manufacture of carpets and rugs
1394	Manufacture of cordage, rope, twine and netting
1399	Manufacture of other textiles not elsewhere classified
1410	Manufacture of wearing apparel, except fur apparel
1420	Manufacture of articles of fur
1430	Manufacture of knitted and crocheted apparel
1511	Tanning and dressing of leather; dressing and dyeing of fur
1512	Manufacture of luggage, handbags and the like, saddlery and harness
1520	Manufacture of footwear
1610	Sawmilling, planing and preserving of wood

1621	Manufacture of veneer, plywood and veneer panels
1622	Manufacture of builders' carpentry and joinery
1623	Manufacture of wooden containers
1629	Manufacture of other products of wood; manufacture of articles of cork, straw
1701	Manufacture of pulp, paper and paperboard
1702	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1709	Manufacture of other articles of paper and paperboard not elsewhere classified
1811	Printing
1812	Service activities related to printing
1820	Reproduction of recorded media
1910	Manufacture of coke
1920	Manufacture of refined petroleum product
2011	Manufacture of basic chemicals
2012	Manufacture of fertilizers and nitrogen compounds
2013	Manufacture of plastics and synthetic rubber in primary forms
2021	Manufacture of pesticides and other agrochemical products
2022	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
2023	Manufacture of cosmetics, soap and detergents, cleaning and polishing preparations and toilet preparations
2029	Manufacture of other chemical products not elsewhere classified
2030	Manufacture of man-made fibres
2100	Manufacture of pharmaceuticals, medicinal chemical and botanical products
2211	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber
2219	Manufacture of other rubber products
2220	Manufacture of plastics products
2310	Manufacture of glass and glass products
2391	Manufacture of refractory products
2392	Manufacture of clay building materials
2393	Manufacture of other porcelain and ceramic products
2394	Manufacture of cement, lime and plaster
2395	Manufacture of concrete and articles of concrete, cement and plaster
2396	Cutting, shaping and finishing of stone
2399	Manufacture of other non-metallic mineral products not elsewhere classified
2410	Manufacture of iron, steel and cast iron
2420	Manufacture of precious and non-ferrous metals
2431	Casting of iron and steel
2432	Casting of non-ferrous metals
2511	Manufacture of structural metal products
2512	Manufacture of tanks, reservoirs and containers of metal
2513	Manufacture of steam generators, except central heating hot water boilers

2520	Manufacture of weapons and ammunition
2591	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
2592	Machining; treatment and coating of metals
2593	Manufacture of cutlery, hand tools and general hardware
2599	Manufacture of other fabricated metal products not elsewhere classified
2610	Manufacture of electronic components and boards
2620	Manufacture of computers and peripheral equipment
2630	Manufacture of communication equipment
2640	Manufacture of consumer electronics
2651	Manufacture of measuring, testing, navigating and control equipment
2652	Manufacture of watches and clocks
2670	Manufacture of optical instruments and photographic equipment
2680	Manufacture of magnetic and optical video tapes and discs
2710	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
2720	Manufacture of batteries and accumulators
2731	Manufacture of fibre optic cables
2732	Manufacture of other electronic and electric wires and cables
2733	Manufacture of wiring devices
2740	Manufacture of electric lighting equipment
2750	Manufacture of domestic appliances
2790	Manufacture of other electrical equipment
2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
2812	Manufacture of fluid power equipment
2813	Manufacture of other pumps, compressors, taps and valves
2814	Manufacture of bearings, gears, gearing and driving elements
2815	Manufacture of ovens, furnaces and furnace burners
2816	Manufacture of lifting and handling equipment
2817	Manufacture of office machinery and equipment (except computers and peripheral equipment)
2818	Manufacture of hand tools with electric motor or pneumatic drive
2819	Manufacture of other general-purpose machinery
2821	Manufacture of agricultural and forestry machinery
2822	Manufacture of metal-forming machinery and machine tools
2824	Manufacture of machinery for mining, quarrying and construction
2825	Manufacture of machinery for food, beverage and tobacco processing
2826	Manufacture of machinery for textile, apparel and leather production
2829	Manufacture of other special-purpose machinery
2910	Manufacture of motor vehicles and other motor vehicles
2920	Manufacture of bodies (coachwork) for motor vehicles and other motor vehicles; manufacture of trailers and semi-trailers

2930	Manufacture of parts and accessories for motor vehicles and other motor vehicles
3011	Building of ships and floating structures
3012	Building of pleasure and sporting boats
3030	Manufacture of air and spacecraft and related machinery
3091	Manufacture of motorcycles
3092	Manufacture of bicycles and invalid carriages
3099	Manufacture of other transport equipment not elsewhere classified
3100	Manufacture of furniture
3211	Manufacture of jewelry and related articles
3212	Manufacture of bijouterie and related articles
3220	Manufacture of musical instruments
3230	Manufacture of sporting equipment
3240	Manufacture of games and toys
3250	Manufacture of medical and dental, and orthopedic and rehabilitation instruments and supplies
3290	Other manufacturing not elsewhere classified
3311	Repair of fabricated metal products
3312	Repair of machinery and equipment
3313	Repair of electronic and optical equipment
3314	Repair of electrical equipment
3315	Repair and maintenance of transport equipment, except motor vehicles, motorcycles and other motor vehicles
3319	Repair of other equipment
3320	Installation of industrial machinery and equipment
3511	Electric power generation
3512	Electricity transmission and distribution
3520	Production of gas; distribution of gaseous fuels through mains
3530	Manufacture and supply of steam, hot water, air conditioning and ice
3600	Water collection, treatment and supply
3700	Water drainage and wastewater treatment
3811	Collection of non-hazardous waste
3812	Collection of hazardous waste
3821	Treatment and disposal of non-hazardous waste
3822	Treatment and disposal of hazardous waste
3830	Materials recovery
3900	Remediation activities and other waste management services
4101	Construction of residential buildings
4102	Construction of non-residential buildings
4211	Construction of railways
4212	Construction of roads
4221	Construction of electrical works

4222	Construction of water supply and drainage works
4223	Construction of telecommunications and communication constructions
4229	Construction of other utility projects
4291	Construction of hydraulic structures
4292	Construction of mining and quarrying facilities
4293	Construction of manufacturing facilities
4299	Construction of other civil engineering projects
4311	Demolition
4312	Site preparation
4321	Electrical installation
4322	Plumbing, heat and air-conditioning installation
4329	Other construction installation
4330	Building completion and finishing
4390	Other specialized construction activities
4511	Wholesale of motor vehicles and other motor vehicles
4512	Retail sale of small cars (with 9 or fewer seats)
4513	Activities of commission agents for motor vehicles and other motor vehicles
4520	Maintenance and repair of motor vehicles and other motor vehicles
4530	Sale of parts and accessories for motor vehicles and other motor vehicles
4541	Sale of motorcycles
4542	Maintenance and repair of motorcycles
4543	Sale of motorcycle parts and accessories
4610	Commission agents, brokers and auction agents
4620	Wholesale of agricultural raw materials (except wood, bamboo) and live animals
4631	Wholesale of rice, wheat, other cereals and wheat flour
4632	Wholesale of food
4633	Wholesale of beverages
4634	Wholesale of tobacco and aztec tobacco products
4641	Wholesale of textiles, clothing and footwear
4649	Wholesale of other household products
4651	Wholesale of computers, computer peripheral equipment and softwa
4652	Wholesale of electronic and telecommunications equipment and parts
4653	Wholesale of agricultural machinery, equipment and supplies
4659	Wholesale of other machinery and equipment
4661	Wholesale of solid, liquid and gaseous fuels and related products
4662	Wholesale of metals and metal ores
4663	Wholesale of construction materials and other installation supplies
4669	Other specialized wholesale not elsewhere classified
4690	Non-specialized wholesale trade

4711	Retail sale in non-specialized stores with food, beverages, tobacco or aztec tobacco predominating
4719	Other retail sale in non-specialized stores
4721	Retail sale of food in specialized stores
4722	Retail sale of food products in specialized stores
4723	Retail sale of beverages in specialized stores
4724	Retail sale of tobacco products in specialized stores
4730	Retail sale of automotive fuel in specialized stores
4741	Retail sale of computers, peripheral units, software and telecommunications equipment in specialized stores
4742	Retail sale of audio and video equipment in specialized stores
4751	Retail sale of textiles, knitting yarn, sewing thread and other fabrics in specialized stores
4752	Retail sale of hardware, paints, glass and other construction installation equipment in specialized stores
4753	Retail sale of carpets, rugs, wall and floor coverings in specialized stores
4759	Retail sale of electrical household appliances, furniture and the like, lighting equipment and other household articles not elsewhere classified in specialized stores
4761	Retail sale of books, newspapers, magazines and stationary in specialized stores
4762	Retail sale of music and video recordings (including blank tapes and discs) in specialized stores
4763	Retail sale of sporting equipment in specialized stores
4764	Retail sale of games and toys in specialized stores
4771	Retail sale of clothing, footwear, leather articles and imitation leather in specialized stores
4772	Retail sale of pharmaceutical and medical goods, cosmetic and toilet articles in specialized stores
4773	Other retail sale of new goods in specialized stores
4774	Retail sale of second-hand goods in specialized stores
4781	Retail sale of food, beverages and tobacco products via stalls or markets
4782	Retail sale via stalls or markets of textiles, clothing and footwear
4783	Retail sale of information and communications equipment via stalls or markets
4784	Retail sale of other household equipment via stalls or markets
4785	Retail sale of cultural and recreation goods via stalls or markets
4789	Retail sale of other goods via stalls or markets
4791	Retail sale via mail order houses or via Internet
4799	Other retail sale not in stores, stalls or markets
4911	Passenger rail transport
4912	Freight rail transport
4921	Passenger transport by urban buses
4922	Passenger transport by urban, suburban and inter-provincial buses
4929	Passenger transport by other buses
4931	Urban and suburban passenger land transport (except transport via buses)
4932	Other passenger land transport
4933	Freight transport by road
5011	Sea and coastal passenger water transport

5012	Sea and coastal freight water transport
5021	Inland passenger water transport
5022	Inland freight water transport
5110	Passenger air transport
5120	Freight air transport
5210	Warehousing and storage
5221	Service activities incidental to rail transportation
5222	Service activities incidental to water transportation
5223	Service activities incidental to air transportation
5224	Cargo handling
5225	Service activities incidental to land transportation
5229	Other transportation support activities
5310	Postal activities
5320	Courier activities
5510	Short-term accommodation activities
5590	Other accommodation
5610	Restaurants and mobile food service activities
5621	Provision of food services based on contractual arrangements with the customer
5629	Other food service activities
5630	Beverage serving activities
5811	Book publishing
5813	Publishing of newspapers, journals and periodicals
5819	Other publishing activities
5820	Software publishing
5911	Motion picture, video and television programme production activities
5913	Motion picture, video and television programme distribution and post-production activities
5914	Motion picture projection activities
5920	Sound recording and music publishing activities
6010	Radio broadcasting
6021	Television broadcasting
6022	Cable, satellite and other subscription programming
6110	Wired telecommunications activities
6120	Wireless telecommunications activities
6130	Satellite telecommunications activities
6190	Other telecommunications activities
6201	Computer programming activities
6202	Computer consultancy and computer system management
6209	Other information technology and computer service activities
6311	Data processing, hosting and related activities

6312	Web portals
6391	News agency activities
6399	Other information service activities not elsewhere classified
6411	Central banking
6419	Other monetary intermediation
6420	Activities of holding companies
6430	Trusts, funds and similar financial entities
6491	Financial leasing
6492	Other credit granting
6499	Other financial service activities not elsewhere classified (except insurance and social insurance)
6511	Life insurance
6512	Non-life insurance
6513	Healthcare insurance
6530	Social insurance and reinsurance
6611	Administration of financial markets
6612	Security and commodity contracts brokerage
6619	Activities auxiliary to financial service activities not elsewhere classified
6622	Activities of insurance agents and brokers
6629	Other activities auxiliary to insurance and social insurance, fund management activities
6810	Trading of own or rented property and land use rights
6820	Real estate consultancy and brokerage and auctioning, land use right auctioning
6910	Legal activities
6920	Accounting, bookkeeping and auditing activities; tax consultancy
7010	Activities of head offices
7020	Management consultancy activities
7110	Architectural and engineering activities and related technical consultancy
7120	Technical testing and analysis
7211	Research and experimental development on natural sciences
7212	Research and experimental development on engineering and technology
7213	Research and experimental development on medical sciences
7214	Research and experimental development on agricultural sciences
7221	Research and experimental development on social sciences
7222	Research and experimental development on humanities
7310	Advertising
7320	Market research and public opinion polling
7410	Specialized design activities
7420	Photographic activities
7490	Other professional, scientific and technical activities not elsewhere classified
7500	Veterinary activities

7710	Renting and leasing of motor vehicles
7721	Renting and leasing of recreational and sports goods
7722	Renting of video tapes and disks
7729	Renting and leasing of other personal and household goods
7730	Renting and leasing of other machinery, equipment and tangible goods without operator
7740	Renting and leasing of non-financial intangible
7810	Activities of employment placement agencies
7820	Temporary employment agency activities
7830	Provision and management of human resources
7911	Travel agency activities
7912	Tour operator activities
7990	Reservation service and related activities
8010	Private security activities
8020	Security systems service activities, investigation activities
8110	Combined facilities support activities
8121	General cleaning of buildings
8129	Industrial cleaning activities and specialized cleaning activities for buildings
8130	Landscape care and maintenance service activities
8211	Combined office administrative service activities
8219	Photocopying, document preparation and other specialized office support activities
8220	Activities of call centres
8230	Organization of conventions and trade shows
8291	Activities of collection agencies and credit bureaus
8292	Packaging activities
8299	Other remaining business support service activities not elsewhere classified
8411	Activities of Vietnam's Communist Party, socio-political organizations, general state management and combined economic administration
8412	State management of health care, education, cultural services and other social services (excluding compulsory social security)
8413	State management of specialized economic sectors
8421	Foreign affairs
8422	National defence activities
8423	Public order and safety activities
8430	Compulsory social security activities
8511	Preschool education (for infants from the age of three months to three years)
8512	Preschool education (for infants from the age of three years to six years)
8521	Primary education
8522	Lower secondary education
8523	Upper secondary education
8531	Basic-level training

8532	Intermediate-level training
8533	College-level training
8541	University training
8542	Master or doctoral training
8551	Sports and recreation education
8552	Cultural education
8559	Other education not elsewhere classified
8560	Educational support activities
8610	Hospital and health station activities
8620	Medical and dental practice activities
8691	Preventive medicine activities
8692	Orthopedic and rehabilitation centers
8699	Other human health activities not elsewhere classified
8710	Nursing care facilities
8720	Residential care activities for mental retardation, mental health and substance abuse
8730	Health care activities for the persons having rendered meritorious services, the elderly and disabled not capable of self-care
8790	Other residential care activities
8810	Social work activities without accommodation for the persons having rendered meritorious services, wounded and sick soldiers, the elderly and disabled
8890	Other social work activities without accommodation
9000	Creative, arts and entertainment activities
9101	Library and archives activities
9102	Conservation activities and museums
9103	Botanical and zoological gardens and nature reserves activities
9200	Lottery, betting and gambling activities
9311	Operation of sports facilities
9312	Activities of sports clubs
9319	Other sports activities
9321	Activities of amusement parks and theme parks
9329	Other amusement and recreation activities not elsewhere classified
9411	Activities of business associations and employers
9412	Activities of professional organizations
9420	Activities of trade unions
9491	Activities of religious organizations
9499	Activities of other organizations not elsewhere classified
9511	Repair of computers and peripheral equipment
9512	Repair of communication equipment
9521	Repair of audiovisual and consumer electronics
9522	Repair of household appliances and goods

9523	Repair of footwear and leather goods
9524	Repair of furniture and home furnishings
9529	Repair of bicycles, watches, clocks and other personal and household goods not elsewhere classified
9610	Steambath, massage and health improvement services (excluding except sports activities)
9620	Washing and (dry-) cleaning of textile and fur products
9631	Hairdressing and shampooing
9632	Funeral service activities
9633	Wedding service activities
9639	Other remaining personal service activities not elsewhere classified
9700	Activities of households as employers
9810	Goods-producing activities of households for own use
9820	Services-producing activities of households for own use
9900	Activities of international organizations and bodies
9999	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

**Question 27: What is the name of the facility (if any) and the main product or service of the facility where [the respondent] worked in the past 7 days or before taking temporary leave?**

DTV needs to specify the name of the business facility (if any) and the main products/services that the DTD's facility produces or performs.

The concept of "facility" mentioned in the question is a basic economic unit, understood as the smallest economic entity, which can be an enterprise, company, corporation, socio-economic organization, agency with legal status, a household, etc., regardless of economic type, as long as the value of products/services generated from the facility can be accounted/determined independently of other facilities.

DTV left blank 4 boxes "industry code" in the census form. For example: DTD works at the Cement Packaging Production Factory of Nghi Son Cement Corporation and the products of this enterprise can be accounted for separately (costs calculated separately). For this question, DTV records as follows:

[Figures are omitted here]

#### description

##### UNIVERSE

Vietnam 2019: Persons age 15+ who did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: none]

#### concept

##### CONCEPT

var_concept.title	Vocabulary
Work: Industry Variables -- PERSON	IPUMS

## VN2019A\_TSK3YR: Performed a task for 3 or more years

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.

28. Did [the respondent] receive any training or obtain any vocational certificates?

1 Yes (skip to Q30) 2 No

29. Did [the respondent] perform a task:

a. For 3 or more years? 1 Yes 2 No

b. That uses machines, equipment or traditional crafts? 1 Yes 2 No

#### CATEGORIES

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

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 29: With the above main job, does [the respondent]...

a. Work for 3 years or more?

### description

#### UNIVERSE

Vietnam 2019: Persons age 15+ who completed higher secondary or less or never attended schools and did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: type I none; type II 0.1%]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

**VN2019A\_TSKMACH: Performed a task that uses machines, equipment or traditional crafts****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

&lt;span class="em"&gt;Part 1. Information on household members&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.&lt;/p&gt;

&lt;p&gt;28. Did [the respondent] receive any training or obtain any vocational certificates?&lt;/p&gt;

&lt;div class="i1"&gt;[ ] 1 Yes (skip to Q30)&lt;br /&gt;[ ] 2 No&lt;/div&gt;&lt;p&gt;29. Did [the respondent] perform a task:&lt;/p&gt;

&lt;div class="i1"&gt;a. For 3 or more years?&lt;/div&gt;&lt;div class="i2"&gt;[ ] 1 Yes&lt;br /&gt;[ ] 2 No&lt;/div&gt;&lt;div class="i1"&gt;b. That uses machines, equipment or traditional crafts?&lt;/div&gt;&lt;div class="i2"&gt;[ ] 1 Yes&lt;br /&gt;[ ] 2 No&lt;/div&gt;

## CATEGORIES

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

## INTERVIEWER INSTRUCTIONS

&lt;span class="h2"&gt;Part V: Instructions on how to question and record information on the census form&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;&lt;span class="h3"&gt;Part 1: Information about members of the household&lt;/span&gt;

&lt;br /&gt;Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.&lt;/p&gt;

&lt;p&gt;The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD T face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD T face-to-face and record the information.&lt;/p&gt;

&lt;p&gt;&lt;span class="em"&gt;Question 29: With the above main job, does [the respondent][...]&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;&lt;span class="em"&gt;b. Use machines or equipment or have skills in the field of handicrafts?&lt;/span&gt;&lt;/p&gt;

&lt;p&gt;Question 29b is intended to identify whether in the working process, DTD T controls and uses machines and equipment (mechanization, automation) in most stages of the job or has skills in the field of handicrafts.&lt;/p&gt;

&lt;div class="i1"&gt;- The machines and equipment that can be used for the job include: tractors, seeders, concrete mixers, saw machines, wood planers, textile machines, sewing machines, etc. The use of machines and equipment for work must be on a

regular basis and involved in most of the stages of the manufacturing process. If DTD only uses the machines for a short period of time or to replace a certain production job, it is not identified as using the machines and equipment in this question. [p.64] For example: A sewing worker often has to use a sewing machine. DTV identifies Question 29b as "yes". However, for a rice farmer who uses a water pump to water the rice, the rest of the work is mainly done by hand, DTV records Question 29b as "no". Skilled workers include skilled craftsmen in the field of handicrafts, often doing difficult and complex work processes.

## description

### UNIVERSE

Vietnam 2019: Persons age 15+ who completed higher secondary or less or never attended schools and did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: type I none; type II 0.1%]

## concept

### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## VN2019A\_VOCCERT: Received training or obtained vocational certificates

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.

28. Did [the respondent] receive any training or obtain any vocational certificates?

1 Yes (skip to Q30) 2 No

### CATEGORIES

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

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 5 (KT5)

The test question is intended to identify people who have jobs and have not achieved any level of training from the basic level upwards to proceed to Question 28; for the rest, DTV skips to Question 30.

Question 28: Does [the respondent] have a professional certificate or is recognized as an artisan?

Professional certificate: Include people who are granted a national professional skill certificate or have attended vocational training courses for less than 3 months and were granted a professional certificate.

Professional certificates do not include:

- General education professional certificates issued to students of secondary school and high school;  
 - Certificate of professional training provided by agencies/industries for officials and employees;  
 - Certificates issued after short training courses such as technical training in crop production, animal husbandry, and agricultural extension in 1-2 weeks, etc.  
 - Artisans including those who have been recognized as artisans by the State, i.e. awarded a certificate of title.

## description

### UNIVERSE

Vietnam 2019: Persons age 15+ who completed higher secondary or less or never attended schools and did paid work in the last seven days, participated in production or business activities, or have a job to return within 30 days [discrepancies: type I none; type II 0.1%]

## concept

### CONCEPT

var_concept.title	Vocabulary
Education Variables -- PERSON	IPUMS

## VN2019A\_WKREAS: Reason for not finding a job

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.

31. For the last 30 days, has [the respondent] proactively found job or prepared to start a production or business activity?

1 Yes (skip to Q33) 2 No

32. What is the reason why [the respondent] has not found a job?

<div class="i1">[] 01 Too old, young, or losing labor capacity<br />[] 02 Pupil, student, or housewife<br />[] 03 Believe that they can't find a job or no suitable jobs<br />[] 04 Don't know where or how to find a job<br />[] 05 Break due to downsizing or closing business<br />[] 06 Waiting or waiting for a business to open<br />[] 07 Seasonal break<br />[] 08 Bad weather<br />[] 09 Temporary illness or busy<br />[] 10 Other</div><div class="i2">Specify \_\_\_\_</div>

## CATEGORIES

Value	Category
01	Too old, too young, or losing labor capacity
02	Pupil, student, or housewife
03	Believe they can't find a suitable job
04	Don't know how to find a job
05	On a break after downsizing or closing a business
06	Waiting for the right time or for a business to open
07	Seasonal break
08	Bad weather
09	Temporary illness or busy with other matters
10	Other
98	Unknown
99	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 1: Information about members of the household</span>

<br />Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.</p>

<p>The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.</p>

<p><span class="em">Question 32: What are the reasons [the respondent] is not looking for a job?</span>

<br />DTV asks to identify DTD's reasons for not looking for a job. Some reasons such as:</p>

<div class="i1">- Retired/too old/too young/unable to work: Include people who are not working and are not looking for work because they retired and do not want to work, they are too old to be able to work, or they are too young and not old enough to work, they do not work due to inability to work (people with disability, poor health, intellectual disability, etc.).</div><span class="pg">[p.66]</span><div class="i1">- Pupils/students/homemakers: Include people who in the past 30 days have spent all their time in school (at general education schools, professional schools, vocational schools, colleges, universities, or other schools of the national education and training system) or participated in unpaid/paid apprenticeships or vocational training; people who have spent all their time doing housework in their families and are not paid. Please note, people who do household chores for other families (domestic helpers) are counted as "employed".<br /><br />- Waiting for a job/waiting to start business activities: Include people who are not working, but are not looking for a job in the past 30 days because they have gone to a previous job interview/test/application and are waiting for the results of the job interview/test/application, and have not known the results as well as the time to start the job; people who have an employment offer/notice, an employment letter, or signed a labor contract with the employer but have not started working during the reference period; preparing to start business activities, etc.<br /><br />- Temporary illness/busy: Include people who are temporarily absent from work due to illness, and those who are busy with a family business. For example: There are sick people in the house, there are elderly people to take care of, newborn babies, babysitting, other family business, etc.</div>

**description**

## UNIVERSE

Vietnam 2019: Persons age 15+ who did not look for work or prepare to start production or business activities  
[discrepancies: type I trace; type II 0.1%]

## concept

### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## VN2019A\_WKSEEK: Looked for work or prepared to start a production or business activity in last 30 days

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.

31. For the last 30 days, has [the respondent] proactively found job or prepared to start a production or business activity?

1 Yes (skip to Q33)    2 No

#### CATEGORIES

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

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 31: In the past 30 days, has [the respondent] actively searched for a job or prepared to start production or business activities?

This question is intended to identify if unemployed people are actively looking for a job or taking specific actions to prepare to start production and business activities.

<p>Actively looking for a job is when DTDT actively researches and contacts through friends and relatives, through the mass media, through job placement and promotion centers, etc...to find work to generate income.</p>

<p>Preparing to start production and business activities is when DTDT has specific actions and plans to build and set up production and business facilities/activities under their own ownership or co-ownership. Preparing to start production and business activities includes registration of operations and arrangement of necessary resources (capital, human resources, construction/purchase/rent of headquarters/operational location, lease/purchase of labor tools, labor recruitment, etc.).</p>

## description

UNIVERSE

Vietnam 2019: Persons age 15+ who do not have a job to return within 30 days [discrepancies: type I none; type II 0.8%]

## concept

CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

## VN2019A\_CHAWAYF: Number of daughters living elsewhere

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p>KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.</p>

<p>34. Have you ever given birth?</p>

<div class="i1">(Given birth: only count on live births)<br /><br />[] 1 Given birth<br />[] 2 Not given birth (proceed to next person)</div><p>36. Of those you have given birth to, how many sons and daughters are living elsewhere?</p>

<div class="i1">\_\_ No. of sons<br />\_\_ No. of daughters</div>

CATEGORIES

Value	Category
00	None
01	1
02	2
03	3
04	4
05	5+
99	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD T face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD T face-to-face and record the information.

Test 6 (KT6)

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

Question 36: How many sons and daughters born to you are living elsewhere?

DTV records the number of sons and daughters born to DTD T not currently living in the same household with DTD T (living elsewhere or living in the same house/apartment with DTD T but eating separately). If there is no son or daughter born to DTD T not currently living in the same household as DTD T, DTV records "00" in 2 corresponding boxes (for electronic form, record "0").

In case the woman's children are under the management of the military or police and are living in the same household, by convention the children are counted as living elsewhere, DTV records information in Question 36.

## description

### UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## VN2019A\_CHAWAYM: Number of sons living elsewhere

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34;

otherwise next person.</p>

<p>34. Have you ever given birth?</p>

<div class="i1">(Given birth: only count on live births)<br /><br />[] 1 Given birth<br />[] 2 Not given birth (proceed to next person)</div><p>36. Of those you have given birth to, how many sons and daughters are living elsewhere?</p>

<div class="i1">\_\_ No. of sons<br />\_\_ No. of daughters</div>

#### CATEGORIES

Value	Category
00	None
01	1
02	2
03	3
04	4
05	5+
99	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 1: Information about members of the household</span>

<br />Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.</p>

<p>The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.</p>

<p><span class="em">Test 6 (KT6)</span>

<br />The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.</p>

<p><span class="pg">[p.68]</span></p>

<p>In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.</p>

<p><span class="em">Question 36: How many sons and daughters born to you are living elsewhere?</span>

<br />DTV records the number of sons and daughters born to DTDT not currently living in the same household with DTDT (living elsewhere or living in the same house/apartment with DTDT but eating separately). If there is no son or daughter born to DTDT not currently living in the same household as DTDT, DTV records "00" in 2 corresponding boxes (for electronic form, record "0").</p>

<p>In case the woman's children are under the management of the military or police and are living in the same household, by convention the children are counted as living elsewhere, DTV records information in Question 36.

## description

#### UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: none]

## concept

#### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## VN2019A\_CHDEADF: Number of daughters who died

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

34. Have you ever given birth?

(Given birth: only count on live births) 1 Given birth 2 Not given birth (proceed to next person)

37. Were there any instances where you gave birth to a living child but they later died? If yes, what is the number of sons and daughters who died?

\_\_ No. of sons    \_\_ No. of daughters

#### CATEGORIES

Value	Category
00	None
01	1
02	2
03	3+
99	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 6 (KT6)

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

Question 37: Did you have any children born alive but then deceased? IF SO: give the number of

deceased sons and daughters.

DTV asks about the children born alive to DTD but passed away before the time of the census. This is a sensitive question, DTV needs to interview slowly and carefully, especially in cases where the DTD's children were born alive but passed away at an early age.

DTV records DTD's answer in the blank box. If there is no son or daughter born alive to DTD but deceased before the time of the census, DTV records "00" in two corresponding boxes (for electronic form, record "0").

DTV must not leave a blank in any of the large boxes in the response sections of Questions 35, 36, and 37.

## description

UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: none]

## concept

CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

### VN2019A\_CHDEADM: Number of sons who died

Data file: VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

#### Questions and instructions

LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

34. Have you ever given birth?

(Given birth: only count on live births) 1 Given birth 2 Not given birth (proceed to next person)

37. Were there any instances where you gave birth to a living child but they later died? If yes, what is the number of sons and daughters who died?

\_\_ No. of sons    \_\_ No. of daughters

CATEGORIES

Value	Category
00	None
01	1
02	2
03	3+
99	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 6 (KT6)

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

Question 37: Did you have any children born alive but then deceased? IF SO: give the number of deceased sons and daughters.

DTV asks about the children born alive to DTD but passed away before the time of the census. This is a sensitive question, DTV needs to interview slowly and carefully, especially in cases where the DTD's children were born alive but passed away at an early age.

DTV records DTD's answer in the blank box. If there is no son or daughter born alive to DTD but deceased before the time of the census, DTV records "00" in two corresponding boxes (for electronic form, record "0").

DTV must not leave a blank in any of the large boxes in the response sections of Questions 35, 36, and 37.

## description

## UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: none]

## concept

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

### VN2019A\_CHEVER: Ever given birth

Data file: VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

## LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

34. Have you ever given birth?

(Given birth: only count on live births) 1 Given birth 2 Not given birth (proceed to next person)

#### CATEGORIES

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

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 6 (KT6)

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

Question 34: Have you ever given birth?

Women who have given birth are those who have given birth to a live child (i.e., at birth, the child had at least one of the following vital signs, such as: crying, breathing, heart still beating, throbbing placenta, etc.), excluding cases of stillbirth (i.e. death in the womb). DTV needs to interview DTD slowly and carefully, especially women of school age and unmarried.

In the case of surrogacy (according to Article 94, Marriage and Family Code of 2014), the child born is the shared child of the husband and wife through surrogacy; surrogate mothers are not treated as if giving birth to their own children; Women who ask for surrogacy are treated as if giving birth to their own children.

## description

#### UNIVERSE

Vietnam 2019: Females age 10-49 [discrepancies: type I none; type II trace]

## concept

#### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**VN2019A\_CHHOMEF: Number of daughters living in household****Data file: VNM2019\_PHC-P-H.dat****Overview**

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

34. Have you ever given birth?

(Given birth: only count on live births) 1 Given birth 2 Not given birth (proceed to next person)

35. Of those you have given birth to, how many sons and daughters are living in your household?

\_\_ No. of sons    \_\_ No. of daughters

## CATEGORIES

Value	Category
00	None
01	1
02	2
03	3
04	4
05	5
06	6
07	7+
99	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 6 (KT6)

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

Question 35: Number of sons and daughters born to you currently living in your household?  
DTV records the number of sons and daughters born to DTD currently living in the same household as DTD (recorded in the list of members of the household in Question 1) in the corresponding boxes. If there is no son or daughter born to DTD currently living in the same household, DTV records "00" in two corresponding boxes (for electronic form, record "0").

For children who are currently abroad in the prescribed time limits (before going abroad, the children live in the same household with the mother), DTV still counts them as children living in the same household with the mother. (these children are counted as NKTTTT in the mother's household and are named in the list of household members in Question 1).

## description

### UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## VN2019A\_CHHOMEM: Number of sons living in household

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

34. Have you ever given birth?

(Given birth: only count on live births)  
1 Given birth  
2 Not given birth (proceed to next person)

35. Of those you have given birth to, how many sons and daughters are living in your household?

\_ \_ No. of sons  
\_ \_ No. of daughters

### CATEGORIES

Value	Category
00	None
01	1
02	2
03	3
04	4
05	5

06	6
07	7+
99	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

**Test 6 (KT6)**

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

**Question 35: Number of sons and daughters born to you currently living in your household?**

DTV records the number of sons and daughters born to DTD currently living in the same household as DTD (recorded in the list of members of the household in Question 1) in the corresponding boxes. If there is no son or daughter born to DTD currently living in the same household, DTV records "00" in two corresponding boxes (for electronic form, record "0").

For children who are currently abroad in the prescribed time limits (before going abroad, the children live in the same household with the mother), DTV still counts them as children living in the same household with the mother. (these children are counted as NKTTTT in the mother's household and are named in the list of household members in Question 1).

## description

## UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: none]

## concept

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## VN2019A\_EMPSTAT: Employment status

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

23. In the last 7 days, did [the respondent] work for at least one hour as part of earning income for him/her-self or family?

1 Yes (skip to Q26) 2 No 3 Abroad (skip to KT6)

31. For the last 30 days, has [the respondent] proactively found job or prepared to start a production or business activity?

1 Yes (skip to Q33) 2 No

### CATEGORIES

Value	Category
1	Employed
2	Unemployed
3	Inactive
4	Overseas
9	NIU (not in universe)

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Question 23: In the past 7 days, did [the respondent] do any work for 1 hour or more to generate income for themselves or their family?

DTV asks about the past 7 days before the day DTV visits the household to interview. For example: If DTV visits the household on April 10, 2019, the past 7 days is from April 3 to April 9, 2019. If DTD passed away after the time of the census (after April 1, 2019), DTV asks for information about DTD's work in the 7 days before their death.

Work is an activity in 1 hour or more that generates income and is not prohibited by law. Therefore, if DTD does work prohibited by law in the past 7 days before DTV visits the household, DTV identifies that DTD does not work (Question 23=2).

Question 31: In the past 30 days, has [the respondent] actively searched for a job or prepared to start production or business activities?

This question is intended to identify if unemployed people are actively looking for a job or taking specific actions to prepare to start production and business activities.

Actively looking for a job is when DTD actively researches and contacts through friends and relatives, through the mass media, through job placement and promotion centers, etc...to find work to generate income.

Preparing to start production and business activities is when DTD has specific actions and plans to build and set up production and business facilities/activities under their own ownership or co-ownership. Preparing to start production and business activities includes registration of operations and arrangement of necessary resources (capital, human resources, construction/purchase/rent of headquarters/operational location, lease/purchase of labor tools, labor recruitment, etc.).

## description

UNIVERSE  
Vietnam 2019: All persons

## concept

### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

### VN2019A\_LSTBMO: Month of last birth

Data file: VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 2    Range: -    Format: Numeric

#### Questions and instructions

##### LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

34. Have you ever given birth?

(Given birth: only count on live births) 1 Given birth 2 Not given birth (proceed to next person)

38. In what solar calendar month and year did you last give birth?

Month \_\_ Year \_\_\_\_

##### 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)

## INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 6 (KT6)

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

Question 38: Month and year of most recent birth according to the solar calendar?

The most recent birth is the "live birth" of DTD closest to the time of the census, regardless of whether the child is alive or deceased, living in the same household with DTD or in a different household. The way to ask and write Question 38 is the same as that for Question 4 "The month and year of birth according to the solar calendar" (see instructions on how to ask and record for Question 4).

## description

## UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: type I none; type II trace]

## concept

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## VN2019A\_WKAVAIL: Ready to begin a job in the next two weeks

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

## LITERAL QUESTION

Part 1. Information on household members

KT5. Check (Q23=1 or Q24=1 or Q25=1) and Q16 coded from 1 to 4 or from Q14=3 then go to Q28, otherwise go to Q30.

33. Would [the respondent] be ready to begin a job or production activity in the next two weeks?

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

#### CATEGORIES

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

#### INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 1: Information about members of the household</span>

<br />Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.</p>

<p>The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.</p>

<p><span class="em">Question 33: In the next 2 weeks, if there is a job or a business activity, is [the respondent] ready to work immediately?</span>

<br />Ready to work is a status in which DTD is capable and able to arrange to work immediately when required. People who really want to work but cannot for various reasons (ill health, unable to arrange housework, etc.) are considered not ready to work.

#### description

#### UNIVERSE

Vietnam 2019: Persons age 15+ who do not have a job to return within 30 days [discrepancies: type I none; type II 0.8%]

#### concept

#### CONCEPT

var_concept.title	Vocabulary
Work Variables -- PERSON	IPUMS

### **VN2019A\_BTHLYRF: Number of daughters born between April 2018 and March 2019**

**Data file:** VNM2019\_PHC-P-H.dat

#### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

#### Questions and instructions

#### LITERAL QUESTION

<span class="em">Part 1. Information on household members</span></p>

<p>KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34;

otherwise next person.</p>

<p>KT7. Check Q38: month, year of the last birth since April 2018 to March 2019 then go to Q40; otherwise go to KT8.</p>

<p>40. How many sons and daughters did you give birth to from April 2018 to March 2019?</p>

<div class="i1">\_\_ No. of sons<br />\_\_ No. of daughters</div>

#### CATEGORIES

Value	Category
0	None
1	1+
9	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

<span class="h2">Part V: Instructions on how to question and record information on the census form</span></p>

<p><span class="h3">Part 1: Information about members of the household</span>

<br />Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.</p>

<p>The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD T face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD T face-to-face and record the information.</p>

<p><span class="em">Test 7 (KT7)</span>

<br />The test question is intended to identify women who have had the most recent birth within the last 12 months (April 2018 to March 2019) to proceed to Question 40; otherwise, DTV skips to test question 8 (KT8).</p>

<p><span class="em">Question 40: Number of sons and daughters born to you from April 2018 to March 2019?</span>

<br />DTV asks to identify the number of sons and daughters born to DTD T within the past 12 months.</p>

<p><span class="pg">[p.69]</span></p>

<p>Question 40 is intended to identify, in addition to the most recent birth within the last 12 months (Question 39), whether DTD T gave birth to another child in the same year. Therefore, the information about the number of sons and daughters in Question 40 must be equal to or greater than the number of sons and daughters in Question 39.

## description

#### UNIVERSE

Vietnam 2019: Females age 10-49 who gave the last birth between April 2018 and March 2019 [discrepancies: none]

## concept

#### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**VN2019A\_BTHLYRM: Number of sons born between April 2018 and March 2019**

**Data file: VNM2019\_PHC-P-H.dat**

## Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

KT7. Check Q38: month, year of the last birth since April 2018 to March 2019 then go to Q40; otherwise go to KT8.

40. How many sons and daughters did you give birth to from April 2018 to March 2019?

\_\_ No. of sons  
\_\_ No. of daughters

### CATEGORIES

Value	Category
0	None
1	1+
9	NIU (not in universe)

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTDT face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTDT face-to-face and record the information.

Test 7 (KT7)

The test question is intended to identify women who have had the most recent birth within the last 12 months (April 2018 to March 2019) to proceed to Question 40; otherwise, DTV skips to test question 8 (KT8).

Question 40: Number of sons and daughters born to you from April 2018 to March 2019?

DTV asks to identify the number of sons and daughters born to DTDT within the past 12 months.

[p.69]

Question 40 is intended to identify, in addition to the most recent birth within the last 12 months (Question 39), whether DTDT gave birth to another child in the same year. Therefore, the information about the number of sons and daughters in Question 40 must be equal to or greater than the number of sons and daughters in Question 39.

## description

### UNIVERSE

Vietnam 2019: Females age 10-49 who gave the last birth between April 2018 and March 2019 [discrepancies: none]

## concept

### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## VN2019A\_BTSTAFF: Personnel assisting with last birth delivery

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

KT8. Check Q38: month, year of the last birth from 4/2017 to 3/2019 then go to Q41; otherwise go to the next person.

41. Who assisted your last birth delivery?

1 Health staff  
2 Village health or midwife  
3 Other  
Specify

4 No one

#### CATEGORIES

Value	Category
1	Health staff
2	Village health worker or midwife
3	Other
4	No one
8	Unknown
9	NIU (not in universe)

#### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 7 (KT7)

The test question is intended to identify women who have had the most recent birth within the last 12 months (April 2018 to March 2019) to proceed to Question 40; otherwise, DTV skips to test question 8 (KT8).

Test 8 (KT8)

The test question is to identify women who have had the most recent birth within the past 2 years (from April 2017 to March 2019) to proceed to Question 41; otherwise, DTV asks the next woman.

Question 41: Who was your midwife during your most recent birth?  
DTV asks to identify the midwife for DTD in her most recent birth.

The midwife for DTD in her most recent birth might be medical staff, village health workers/village midwives, other people (relatives, friends, etc.), or "none".

Some notes when identifying the midwife:

**i1** - Medical staff: They are civil servants, public employees, or professionals in medical facilities (according to Clause 3, Article 3, Circular No. 22/2013/TT-BYT dated August 9, 2013 of Ministry of Health on the instructions of continuation training for medical staff).  
**i2** - Village health worker/village midwife: They are part-time workers in villages and hamlets. They are living and working permanently in the village/hamlet; voluntarily participate as village health workers or village midwives and have professional qualifications as prescribed by the Ministry of Health (according to Article 2, Circular No. 07/2013/TT-BYT dated March 8, 2013 of Ministry of Health on regulations, standards, functions and duties of village health workers).  
 Village health workers must have a medical qualification from the basic level upwards or have completed a training course of 3 months or more according to the framework of the training program for village health workers of the Ministry of Health.  
 Village midwives must complete a training course of 6 months or more according to the framework of the training program for village midwives of the Ministry of Health.

## description

### UNIVERSE

Vietnam 2019: Females age 10-49 who gave the last birth between April 2017 and March 2019 [discrepancies: type I trace; type II trace]

## concept

### CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## VN2019A\_LSTBF: Total number of daughters in last birth

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

39. How many sons and daughters did you have as of your last birth?

**i1** - No. of sons  
**i2** - No. of daughters

#### CATEGORIES

Value	Category
0	None

1	1
2	2
3	3
4	4
9	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

**Test 6 (KT6)**

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

**Question 39: The number of sons and daughters of the most recent birth?**

DTV asks for the number of sons and daughters of the birth in Question 38 (most recent birth). Usually, this question only contains information about the number of sons or daughters. However, in the case of twins, triplets, etc. of the opposite sex, there is information about both the number of boys and the number of girls in this question.

In case of no events, DTV records "00" in 2 corresponding boxes (for electronic form, record "0"). Do not leave any boxes blank.

## description

## UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: none]

## concept

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

## VN2019A\_LSTBM: Total number of sons in last birth

Data file: VNM2019\_PHC-P-H.dat

### Overview

Type: Discrete    Decimal: 0    Width: 1    Range: -    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

39. How many sons and daughters did you have as of your last birth?

\_\_ No. of sons  
\_\_ No. of daughters

### CATEGORIES

Value	Category
0	None
1	1
2	2
3	3
4	4
9	NIU (not in universe)

### INTERVIEWER INSTRUCTIONS

Part V: Instructions on how to question and record information on the census form

Part 1: Information about members of the household

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

Test 6 (KT6)

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

Question 39: The number of sons and daughters of the most recent birth?

DTV asks for the number of sons and daughters of the birth in Question 38 (most recent birth). Usually, this question only contains information about the number of sons or daughters. However, in the case of twins, triplets, etc. of the opposite sex, there is information about both the number of boys and the number of girls in this question.

In case of no events, DTV records "00" in 2 corresponding boxes (for electronic form, record "0"). Do not leave any boxes blank.

## description

### UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: none]

**concept**

## CONCEPT

var_concept.title	Vocabulary
Fertility and Mortality Variables -- PERSON	IPUMS

**VN2019A\_LSTBYR: Year of last birth****Data file:** VNM2019\_PHC-P-H.dat**Overview**

Type: Discrete    Decimal: 0    Width: 4    Range: -    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Part 1. Information on household members

KT6. Check Q3, Q4, and Q5 to define women aged from 10 to 49 (born since April 1969 to March 2009) then go to Q34; otherwise next person.

34. Have you ever given birth?

(Given birth: only count on live births)  
 1 Given birth  
 2 Not given birth (proceed to next person)

38. In what solar calendar month and year did you last give birth?

Month \_\_\_\_  
 Year \_\_\_\_\_

## CATEGORIES

Value	Category
1984	1984 or before
1985	1985
1986	1986
1987	1987
1988	1988
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
9998	Unknown
9999	NIU (not in universe)

## INTERVIEWER INSTRUCTIONS

**Part V: Instructions on how to question and record information on the census form**

**Part 1: Information about members of the household**

Part 1 of the Census form consists of 41 questions, numbered sequentially from Question 1 to Question 41.

The respondent is the head of the household or a person knowledgeable about members of the household. For information on employment and birth history of women, DTV needs to interview DTD face-to-face and collect information. In addition, for other information about members of the household, if the head of the household or the information provider is not knowledgeable, DTV also needs to interview DTD face-to-face and record the information.

**Test 6 (KT6)**

The test question is intended to identify female members of the household from 10 to 49 years old (female, born from April 1969 to March 2009) to ask Question 34; for the remaining cases, DTV asks the next person.

[p.68]

In case the month of birth cannot be identified (the month of birth in Question 4 is recorded as "98"), DTV proceeds to Question 34 for women born between 1970 and 2009.

**Question 38: Month and year of most recent birth according to the solar calendar?**

The most recent birth is the "live birth" of DTD closest to the time of the census, regardless of whether the child is alive or deceased, living in the same household with DTD or in a different household. The way to ask and write Question 38 is the same as that for Question 4 "The month and year of birth according to the solar calendar" (see instructions on how to ask and record for Question 4).

**description**

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## UNIVERSE

Vietnam 2019: Females age 10-49 who ever gave birth [discrepancies: type I none; type II trace]

**concept**

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## CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Fertility and Mortality Variables -- PERSON	IPUMS

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**VN2019A\_WTPER: Person weight**

**Data file:** VNM2019\_PHC-P-H.dat

**Overview**

Type: Continuous    Decimal: 7    Width: 10    Range: -    Format: Numeric

**description**

---

## UNIVERSE

Vietnam 2019: All persons

**concept**

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## CONCEPT

<b>var_concept.title</b>	<b>Vocabulary</b>
Technical Person Variables -- PERSON	IPUMS

**Imputation and derivation**

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## DERIVATION

This is a 10-digit numeric variable with 7 implied decimal places

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