

# *1990 Census of Population and Housing*

REPORT NO. 4 - 39 N:      HOUSING STATISTICS

## *IFUGAO*



Republic of the Philippines  
**NATIONAL STATISTICS OFFICE**  
Manila  
August 1992

**REPUBLIC OF THE PHILIPPINES**

*HIS EXCELLENCY*

**PRESIDENT FIDEL V. RAMOS**

**NATIONAL STATISTICAL COORDINATION BOARD**

**Honorable Cielito F. Habito**  
*Chairman*

**NATIONAL STATISTICS OFFICE**

**Tomas P. Africa**  
*Administrator*

**Nelia R. Marquez**  
*Deputy Administrator*

**Luisa T. Engracia**  
*Director II*  
*National Census and Household Surveys Department*

## **FOREWORD**

**Batas Pambansa Blg. 72 requires that a census of population be conducted every ten years. On this basis, the 1990 Census of Population and Housing was undertaken by the National Statistics Office in May 1990.**

**The results of the census are strategically used by many sectors. The size of the population determines the number of representation by congressional districts in the House of Representatives. To planners and government executives, the results of the census provide the basic information needed to effect an efficient and judicious allocation of government resources and services. To the general public, statistics from the census provide an understanding of the demographic, social, and economic characteristics of the Filipino people, and the characteristics of the housing unit in which they live, knowledge which can help them chart their own destiny.**

**This report, which is published by province and highly urbanized city, is one of many that will be prepared to disseminate the results of the 1990 Census of Population and Housing. Presented herein are data regarding the distribution of households and housing units and characteristics of the housing units such as type of building, construction materials of the roof and the outer walls, etc.**

**Other household related information like fuel used for lighting and cooking, source of drinking water, type of toilet facilities, manner of kitchen garbage disposal and presence of household convenience are included in the 1990 Census of Population and Housing Report No. 3.**

**The 1990 census would not have been successful had it not been for the services rendered by the various entities, both private and public, and the cooperation of the general populace. To them the National Statistics Office extends its deep appreciation for their support in this most important undertaking. More specifically, the valuable assistance or contribution of the following is acknowledged:**

- **Department of Education, Culture and Sports for the involvement of over 55,000 public school teachers who served as enumerators and supervisors;**
- **Department of National Defense for facilitating the enumeration of military camps and provision of transport facilities;**
- **Department of Foreign Affairs for coordinating the enumeration of embassies, consulates and missions abroad;**

- Department of Social Welfare and Development for the enumeration of the homeless population;
- the members of the National Statistical Coordination Board for lending out their logistics during the field enumeration phases;
- the members of the Provincial and City/Municipal Census Boards, chaired by the governors and mayors, respectively, for assisting in the field operations;
- the barangay captains for endorsing and facilitating the conduct of the census in their respective areas of jurisdiction;
- the print and broadcast media for the generous and whole-hearted communication support;
- the church leaders who endorsed the project to their laity from the pulpit;
- and most of all, the over 10 million individuals for serving as respondents in the census interviews, and for their unwavering support to the decennial census.

The successful conduct of the 1990 Census of Population and Housing is proof that national development emanates from concerted national effort.

  
**TOMAS P. AFRICA**  
 Administrator

**Manila**  
**August 1992**

# CONTENTS

Page

## EXPLANATORY TEXT

Introduction	vii
Authority for Conducting the 1990 Census	vii
Census Boards	viii
Method of Enumeration and Use of Sampling	viii
Coverage of this Publication	ix
Definition of Terms and Concepts	x

MAPS	xviii
------	-------

HIGHLIGHTS	xx
------------	----

## TABLE

1	Housing Units, Occupied and Vacant, by City/Municipality: 1960, 1970, 1980 and 1990	1
2	Occupied Housing Units, Households, Household Population by Type of Building and City/Municipality, Urban-Rural: 1990	2
3	Occupied Housing Units by Construction Materials of the Outer Walls and Roof and City/Municipality: 1990	7
4	Occupied Housing Units by Condition (State of Repair) of the Building, Year Built and City/Municipality: 1990	9
5A	Occupied Housing Units by Type of Building and Number of Households in Each Housing Unit, Urban-Rural: 1990	11
5B	Occupied Housing Units by Type of Building, Number of Households in Each Housing Unit and City/Municipality: 1990	12
6A	Occupied Housing Units by Floor Area, Number of Occupants in Each Housing Unit, Urban-Rural: 1990	15
6B	Occupied Housing Units by Floor Area, Number of Occupants in Each Housing Unit and City/Municipality: 1990	16

7A	Households by Type of Building, Tenure Status of the Housing Unit , Urban-Rural: 1990	19
7B	Households by Type of Building, Tenure Status of the Housing Unit and City/Municipality: 1990	20
8	Owner-Households in Occupied Housing Units by Tenure Status of Lot and City/Municipality, Urban-Rural: 1990	22
9	Percentage Distribution of Owner-Households in Occupied Housing Units by Mode of Acquisition of the Housing Unit and City/Municipality: 1990	23
10	Percentage Distribution of Owner-Households Who Had Purchased/Constructed Their Housing Units by Reported Sources of Financing and City/Municipality: 1990	24
11	Percentage Distribution of Renter-Households in Occupied Housing Units by Monthly Rental of Housing Units and City/Municipality: 1990	25
12	Characteristics of Housing Units which are Vacant, Occasionally Used and Occupied by Households Not Eligible for Enumeration, Urban-Rural: 1990	26

## APPENDICES

A	Batas Pambansa Blg. 72	29
B	List of Unpublished Tables - Housing	32
C	List of Tables in CPH Report N0. 3 - Socio-Economic and Demographic Characteristics	33
D	List of Unpublished Tables - Population	35
E	Listing Booklet (CPH Form 1)	37
F	Common Household Questionnaire (CPH Form 2)	41
G	Sample Household Questionnaire (CPH Form 3)	45

## **EXPLANATORY TEXT**

### **Introduction**

In May 1990, the National Statistics Office conducted the 1990 Census of Population and Housing (CPH). This nationwide undertaking is the 9th population census and the 4th housing census conducted in this century.

Like the 1980 census, the 1990 CPH is designed to take an inventory of the total population and housing units in the Philippines and to collect information about their characteristics. The census of population is the source of information on the size and distribution of the population as well as information about the demographic, social, economic and cultural characteristics. The census of housing, on the other hand, provides information on the supply of housing units, their structural characteristics and facilities which have bearing on the maintenance of privacy health and the development of normal family living conditions. These information are vital for making rational plans and programs for development.

Pursuant to the provision of Batas Pambansa Bilang 72, a final report on total population, total household population and number of households at the barangay level was submitted to the President and was approved under Proclamation No. 688, dated February 21, 1991. This report had already been published as 1990 CPH Report No. 2.

### **Authority for Conducting the 1990 Census**

Under Commonwealth Act No. 591, the Bureau of the Census and Statistics (now National Statistics Office) is authorized "to prepare for and undertake all censuses of population, agriculture, industry and commerce."

Batas Pambansa Blg. 72, which was passed on June 11, 1980, further accorded the National Statistics Office the authority to conduct population censuses every ten years beginning in 1980 without prejudice to the undertaking of special censuses on agriculture, industry, commerce, housing and other sectors as may be approved by the National Economic and Development Authority.

More recently, Executive Order No. 121, otherwise known as the Reorganization Act of the Philippine Statistical System, which was passed on January 30, 1987, declared that the NSO shall be the major statistical agency responsible for generating general purpose statistics and for undertaking such censuses and surveys as may be designated by the National Statistical Coordination Board (NSCB).

It may be mentioned that Presidential Proclamation No. 497 declared 1990 as a National Census Year and called upon all heads of departments of the government

and its instrumentalities to give their support and cooperation in the census undertaking.

## **Census Boards**

Aside from the authority to conduct censuses every ten years, Batas Pambansa Blg. 72 created the National Census Coordinating Board (NCCB) to supervise, coordinate and issue such rules and regulations, as may be necessary, for the successful conduct of the census. Provincial, City and Municipal Census Boards were also created to assist at the subnational level in the conduct of the population census.

Executive Order No. 121 created the National Statistical Coordination Board (NSCB) to oversee all statistical activities in the Philippine Statistical System and therefore has taken over the functions of the NCCB. However, the NSO remains to be the implementing agency of the Census.

A systematized involvement of government agencies and instrumentalities was made possible largely through the concerted efforts of the members of the NSCB and the Provincial, City and Municipal Census Boards.

The NSCB is composed of the Director General of the National Economic and Development Authority as chairman, the undersecretary of the Department of Budget as vice-chairman, a representative from the remaining departments with the rank of undersecretary, Deputy Governor of the Central Bank, Administrator of NSO, Executive Director of the Statistical Research and Training Center, Secretary General of the NSCB, and a representative

from the private sector, as members. For purposes of the 1990 Census of Population and Housing, the Administrator of the NSO is the Executive Director of NSCB.

At the local government level, Provincial and City/Municipal Census Boards were created. The Provincial Governor is the chairman of the Provincial Census Board with the Division Superintendent as vice chairman, and the District Highway Engineer, the Provincial Commander of the Philippine Constabulary, the Local Government Operations Officer, the Provincial Agricultural Officer, the Provincial Assessor, as members, with the Provincial Census Officer of the NSO as the Executive Officer.

The City/Municipal Board is composed of the City/Municipal Mayor as chairman, and the District Supervisor, the City/Municipal Agricultural Officer, City/Municipal Government Officer, the Municipal Treasurer/City Assessor as members, with the City/Municipal Census Officer as Executive Officer.

## **Method of Enumeration and Use of Sampling**

The gathering of population and housing data was performed by census enumerators through house-to-house visit and interview of a responsible member of each household. The household was used as the enumeration unit. However, a complete listing of buildings which contain living quarters, including vacant ones, was done.



A combination of complete enumeration and sampling was adopted. For this census round, systematic cluster sampling was used instead of systematic random sampling to minimize the enumerator's selection bias. Each city/municipality was treated as a domain to obtain efficient and accurate estimates at the municipal level.

An enumeration area (EA), which is a delineated geographic area consisting of about 300 to 400 households, was divided into clusters of five (5) households and the corresponding number of samples in the clusters were obtained for each EA. The sampling rates depended on the estimated size of the municipality where the EA is located, as follows:

Estimated No. of Households in the Municipality	Sampling Rate in the EA
1 - 500	100 %
501 - 1500	20 %
1501 and above	10 %

The non-sample households were interviewed using the Common Household Questionnaire (CPH Form 2). The items asked on population were household membership, relationship to head, date of birth, age as of last birthday, sex, marital status, religion affiliation, citizenship, disability, residence 5 years ago, literacy and highest educational attainment. For the housing portion, the questions asked were about building characteristics like type of building/house, construction materials of the roof and the outer walls, state of repair, year building was built, floor area of the housing

unit, tenure status of the housing unit and lot, presence of household conveniences, and land ownership.

Using the Sample Household Questionnaire (CPH Form 3), additional questions were asked from the sample households, like mother tongue, mother's usual residence, previous residence, ability to speak Tagalog/Filipino, economic characteristics, language/dialect generally spoken in the households and questions on fertility for females 15-49 years old. Additional housing items asked were household amenities, manner of acquisition of housing units, source of financing and usual manner of garbage disposal.

Institutional households were enumerated using the Institutional Population Questionnaire (CPH Form 4). All population items in the Common Household Questionnaire were asked.

Information about households of Filipinos working in Philippine embassies in foreign countries, as well as those of homeless population was also gathered and their count included in the total population of the country.

### Coverage of this Publication

This publication contains 12 statistical tables covering data on:

- Type of Building/House
- Construction Materials of the Roof
- Construction Materials of the Outer Walls
- State of Repair
- Year Building/House was Built
- Floor Area of the Housing Unit

- Tenure Status of the Housing Unit
- Tenure Status of the Lot
- Mode of Acquisition of Housing Unit
- Sources of Financing
- Monthly Rental of Housing Unit and/or Lot

Data for the last three items are estimates from sample households.

Data contained in this report are also available in diskettes. Aside from these published tables, other tables on the above characteristics are also available to users (see list in Appendix B). These tables are available in all NSO offices throughout the country.

## DEFINITION OF TERMS AND CONCEPTS

### BASIC LISTING UNITS

#### *Building*

A building is a structure designed or intended for the enclosure, shelter or protection of any person, animal or property comprising of one or more rooms and/or other spaces, covered by a roof and usually enclosed within external walls or with common dividing walls with adjacent buildings, which usually extend from the foundation to the roof.

For purposes of the census of population and housing, only buildings with living quarters whether occupied or vacant were listed.

Living quarters counted are structurally separate and independent place of abode.

These are:

1. constructed, built, converted or renovated for human habitation, and at the time of the census not used wholly for other purposes; or
2. not really intended as dwelling unit but used as such at the time of the census.

#### *Housing Unit*

A housing unit is a structurally separate and independent place of abode constructed, converted or arranged for habitation by one household. For purposes of this census, structures or parts of structures not intended for habitation such as commercial, industrial, and agricultural buildings, or natural and man-made shelters such as caves, boats, abandoned trucks, culverts, etc., but used as living quarters by households are also considered as housing units.

#### *Identifying Housing Units in a Building.*

A residential building is usually comprised of one housing unit being occupied by one household. However, in some cases, two or more households share the same housing unit as their dwelling. A building may have more than one housing unit but from its outside appearance the housing units may not be discernible.

A portion of a building or a room or rooms qualify as separate housing units if they meet both the following:

1. Separateness - a portion of the building must have facilities for sleeping and preparing/taking meals.

The occupants must be isolated from other persons in the building by means of walls or permanent partitions;

2. Direct Access - the occupants must enter the portion of the building directly from the outside of the building through a common hall, i.e., the occupants must enter the portion of the building without passing through anybody else premises.

**Housing Units Listed.** Not all housing units were assigned individual housing unit serial number and listed. Included in the listing are the following housing units:

1. occupied or vacant housing units in single residential houses;
2. occupied or vacant housing units in multi-unit residential buildings such as duplex, accessoria or row houses, condominium, tenement house, town house, etc.;
3. occupied or vacant barong-barong or shanties;
4. vacant housing units in residential buildings used for purposes other than residence;
5. housing units which are still under construction, but with the roofs and walls already in place;
6. occupied housing units in institutional living quarters such as hotels, motels, dormitories, seminaries, etc.;
7. occupied housing units in non-residential buildings such as offices, barns, churches, etc.;

8. vacant housing units with complete facilities for cooking, dining and sleeping in institutional living quarters and non-residential buildings;

9. occupied mobile housing units such as boats, trailers, etc.;

10. occupied improvised housing units such as culverts, abandoned trucks, caves, container vans, tents, railroad cars.

### **Household**

A household is a social unit consisting of a person living alone or a group of persons who:

1. sleep in the same housing unit; and
2. have a common arrangement for the preparation and consumption of food.

In most cases, a household consists of persons with kinship ties like parents and their children. In some instances, several generations of familial ties are represented in one household while, still in others, even more distant relatives are members of the household.

Household helpers, boarders, and non-relatives are considered as members of the household provided they sleep in the same housing unit and have common arrangement for the preparation and consumption of food and do not usually go home to their family at least once a week.

A group of unrelated individuals, as in the cases of a group of students or workers, who decide to rent a place and make a common arrangement in the preparation and consumption of their food also constitutes one household.

Usually a household is the entire group of persons who customarily live in the same housing unit. However, there are cases when two or more distinct family groups or groups of unrelated persons maintain separate food arrangement even though they share one housing unit. Each of these two or more distinct groups constitutes a household.

A person who shares a housing unit with a household but separately cooks his meals or consumes his food elsewhere is not considered a member of the household. That person should be listed as a separate household.

Furthermore, if two groups of individuals prepare and consume their meals together but sleep in separate housing units, the two groups constitute two different households.

### *Household Membership*

Members of the households are:

1. Those who are present and whose usual place of residence is the place where the household lives.

Usual Place of Residence is the place where the person usually resides. This may be the same or different from the place where he was found at the time of the census. As a rule, it is the place where

he usually sleeps.

2. Those whose usual place of residence is the place where the household lives but are temporarily away at the time of the census because they are:

- a. on vacation, business/pleasure trip or study/training somewhere in the Philippines and are expected to be back within six (6) months from the time of departure;

- b. on vacation, business/pleasure trip or study/training abroad and are expected to be back within a year;

- c. working or attending school in some other place but comes home at least once a week;

- d. confined in hospital for a period of not more than six (6) months at the time of enumeration except when they are confined as inmates of such institutions as:

- tuberculosis pavilions
- mental hospitals
- leprosaria or leper colonies
- drug rehabilitation centers;

- e. detained in national/provincial/city/municipal jails or in military for a period of not more than (6) months at the time of enumeration except when their sentence or detention is expected to exceed 6 months;

- f. on training for not more than 6 months with the Armed Forces of the Philippines;

- g. on board coastal, inter-island or fishing vessels within Philippine territories; and
  - h. on board ocean-going vessels, if they are expected to be away for not more than 5 years.
3. Boarders/lodgers of the household or employees of household-operated business who do not usually go to their respective homes weekly.
  4. Citizens of foreign countries, excluding members of diplomatic missions and non-members of international organizations, but including Filipino Balikbayans who have resided or are expected to reside in the Philippines for more than a year from their arrival.
  5. Persons temporarily staying with a household who have no usual place of residence or who are not certain to be enumerated elsewhere.
- per square kilometer.
3. Poblaciones or central districts (not included in 1 and 2), regardless of the population size which have the following:
    - a. Street pattern, i.e., network of streets in either parallel or right-angle orientation;
    - b. At least six establishments (commercial, recreational and/or personal services); and
    - c. At least three of the following:
      - i. A town hall, church or chapel with religious services at least once a month;
      - ii. A public plaza, park or cemetery;
      - iii. A market place or building where trading activities are carried on at least once a week;
      - iv. A public building like a school, hospital, puericulture and health center or library.

### *Urban and Rural Areas*

The same concepts used in the 1970, 1975 and 1980 censuses were followed in classifying areas as urban. According to these concepts, urbanized areas consist of:

1. In their entirety all cities and municipalities having a population density of at least 1,000 persons per square kilometer.
2. Poblaciones or central districts of municipalities and cities which have a population density of at least 500 persons

4. Barangays having at least 1,000 inhabitants which meet the conditions set forth in 3 above, and where the occupation of the inhabitants is predominantly non-farming or non-fishing.

All areas not falling under any of the above classifications are considered rural.

## HOUSING CHARACTERISTICS

### *Type of Building/House*

1. Single house - an independent structure intended for one household, separated by open space or walls from all other structures. It includes the nipa huts, or small houses built more or less as permanent housing unit and the "barong-barong" made of salvaged materials.
2. Duplex - a structure intended for two households, with complete living facilities for each. It is divided either vertically or horizontally into two separate housing units which are usually identical.
3. Multi-unit residential (3 units or more) - this is intended for residential use only, usually consisting of 3 or more housing units. This type of houses may consist of one or more storeys in a row of three or more housing units, separated from each other by walls extending from ground to the roof or a building having floors to accommodate three or more housing units.

#### Examples:

- a. Apartment Building - a structure usually of several storeys, with three or more independent entrances from internal halls or courts. An apartment has one common entrance from the outside.
- b. Accessoria - a one floor or two-floor structure divided into three or more housing units, each housing unit having its own separate entrance from the outside. Another name for

accessoria is row house.

- c. Residential Condominium - a high-rise building where the housing units are owned individually but the land, other spaces and facilities are owned in comm.on.
4. Commercial/Industrial/Agricultural buildings like office, factory, rice mill, barn, etc. - they are not intended mainly for human habitation but used as living quarters of households at the time of the census.

A commercial building is a building built for transacting business or for rendering professional services, such as store, office, warehouse, etc.

An industrial building is built for processing, assembling, fabricating, furnishing, manufacturing or packaging operations such as a factory or a plant.

An agricultural building is any structure constructed for agricultural purposes such as barn, stable, poultry house, granary, etc.

5. Institutional living quarters - intended mainly as living quarters of institutional population but households therein were enumerated during the census.

Included in this category are the following:

- a. permanent structures which provide lodging and/or meals for a fee such hotel, boarding house, dormitory.
- b. buildings intended for persons

confined to receive medical, charitable or other care/treatment such as hospitals and orphanages, for persons detained such as jails and penal colonies, and other buildings like convents, school dormitories, etc.

- c. camps which are defined sets of premises intended for the temporary accommodation of persons with common activities or interests like military camps, and other camps established as housing areas for workers in mining, agriculture, public works or other enterprises.

6. Other housing units include natural shelters, boats or other living quarters which are not intended for human habitation nor located in permanent buildings, nevertheless, these are being used as living quarters at the time of the census. Caves, old railroad cars, other natural shelters and mobile housing units such as trailers, barges, cars, boats, etc., fall within this category.

#### ***Construction Materials of the Roof***

The kind of materials used are as follows:

1. Galvanized Iron/Aluminum
2. Tile/Concrete/Clay Tile
3. Half Galvanized Iron and Half Concrete
4. Wood
5. Cogon/Nipa/Anahaw
6. Asbestos
7. Makeshift/Salvaged/Improved Materials
8. Others

#### ***Construction Materials of the Outer Walls***

The kind of materials used are as follows:

1. Concrete/Brick/Stone
2. Wood
3. Half Concrete/Brick/Stone and Half Wood
4. Galvanized Iron/Aluminum
5. Bamboo/Sawali/Cogon/Nipa
6. Asbestos
7. Glass
8. Makeshift/Salvaged/Improved Materials
9. Others
10. No Walls

#### ***Condition of Building (State of Repair)***

The current condition of the building/house may be any of the following:

1. Needs no repair/needs minor repair - This building is usually new or has a good building maintenance i.e., no deterioration is apparent from the outside.
2. Needs major repair - The building cannot fully protect the occupants from the elements (rain, wind, temperature, etc.). It may have cracks in the interior walls, leaking roofs, holes on the floors, broken windows, etc. which can only be mended by major repair.
3. Dilapidated/condemned - This building is beyond repair. Dilapidated parts are found on pillars, roofs and outer walls needing renovation. Condemned buildings wherein sub-standard materials/procedures were used in the construction, or which are structurally defective are also included here.

4. Under renovation/being repaired - This building was fully constructed and finished but being repaired at the time of the census for some deterioration or damage. Also included are buildings being renovated to make additional structures or to modify/repair existing structures.

5. Under construction - Construction work was started but not yet completed and still going on.

Construction means all on-site work, from site preparation, excavation, foundation, assembly of all components and installation of utilities and equipment of buildings/structures.

6. Unfinished construction - This is a partly constructed building but at the time of visit construction was temporarily or permanently stopped. No construction activity was going on for quite sometime.

#### *Year Building/House was Built*

The year the building was built refers to the year when construction was completed and ready for occupancy and not when construction began. Generally, building constructions are finished within the same year, although there are cases when the period of construction extends to several years. Report the year when the building was finished. If the building is not yet finished but there are already occupants, report the year when it was first occupied.

#### *Floor Area of the Housing Unit*

Floor area refers to the space enclosed by the exterior walls of the housing unit. In

case of several floors, the area of each floor in square meters are added together to get the total floor area of the housing unit.

#### *Tenure Status of the Housing Unit*

The housing unit may be:

1. Owned/Being Amortized - The household is the owner and has legal possession of the housing unit, or the household claims to own it. Includes also housing units which are being amortized or on mortgage.
2. Rented - The occupant actually pays rent either in cash or in kind.
3. Being occupied for free with consent of owner - The household occupies the housing unit with owner's permission and without paying any rent in cash or in kind to the owner, tenant/lessee or subtenant/sublessee.

These are usually the households of farm tenants or lessees who occupy rent-free houses belonging to the owner of the land they farm; also those employees given free housing as part of fringe benefits but must vacate the housing unit upon separation from work.

4. Being occupied for free without consent of owner - The household occupies the housing unit without the consent or knowledge of the owner. Examples are squatters who occupy public and private buildings.



***Tenure Status of the Lot***

The question on tenure status of the lot was asked only if the household owns the housing unit. The status of the lot are as follows:

1. Owned/Being Amortized - Ownership of land in rural areas includes mere occupancy of any public land. This also includes house owners paying the land on installment basis or holders of certificates of land title under the Land Reform Program or house/lot awardees of housing loans from PAG-IBIG, SSS, GSIS or commercial banks.
2. Rented - A fixed amount is paid by the occupant in cash or in kind.
3. Occupied for free with consent of owner - The household occupies the lot with the permission of the owner and without paying any rent in cash or in kind to the owner, tenant/lessee or subtenant/sublessee.
4. Occupied for free without consent of owner - The household occupies the lot without the consent or knowledge of the owner.

***Mode of Acquisition of Housing Unit***

A housing unit may be acquired on the following terms:

1. Purchased
2. Constructed by the owner/occupant with or without help of friends/relatives.
3. Constructed by hired/skilled worker - The

owner took charge of purchasing construction materials and directly supervising the construction of the housing unit.

4. Constructed by organized contractor. The owner entered into a contract with a general contractor for the latter to supply either labor only or both labor and materials.
5. Inherited
6. Others (lottery, gift, etc.)

***Sources of Financing***

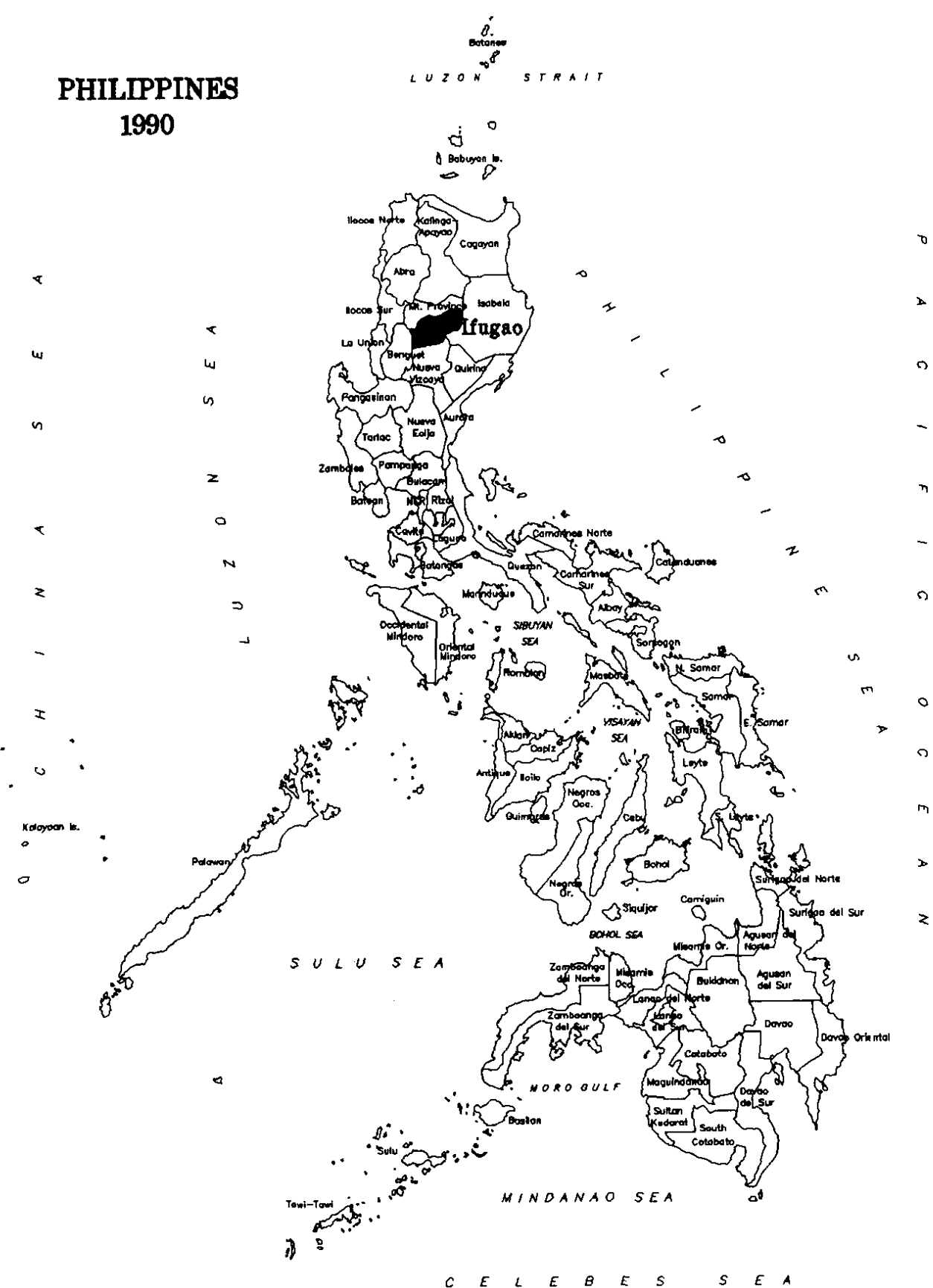
The different sources of financing are:

1. Own resources/interest-free loans from relatives/friends
2. Government assistance: PAG-IBIG, GSIS, DBP, etc.
3. Private banks/foundations/cooperatives
4. Employer assistance
5. Private persons
6. Others

***Monthly Rental of Housing Unit and/or Lot***

The total monthly rental of the housing unit excludes rental for furnishings and payment for electricity and water.

# PHILIPPINES 1990



MAP OF IFUGAO



## HIGHLIGHTS

- **The province of Ifugao has a total of 27,603 occupied housing units in 1990 for 27,809 households giving a ratio of 1.007 households per housing unit.**
- **A greater proportion of the housing units were built of cogon, nipa or anahaw for roofing (55.2 percent) and wood for outer walls (57.6 percent). The proportion of housing units that do not need repair, or if at all a minor one only, is relatively high at 82.8 percent.**
- **Almost one-half of the housing units are of recent construction, that is, built after 1980.**
- **Census results also show that 84.1 percent of the housing units in Ifugao are with limited floor area of less than 30 square meters. Approximately 11.4 percent measure 30-69 square meters, while only 4.5 percent are spacious units (70 square meters and over).**
- **Of the 27,809 households in the province, 92.3 percent own their housing units, 89.0 percent of which also own the lot where the unit is erected.**
- **Among those who own their housing units, 92.3 percent constructed their houses from own resources; 1.1 percent with funds from government financing schemes; and 3.5 percent through private persons.**

## IFUGAO

Table 1. Housing Units, Occupied and Vacant, by City/Municipality: 1960, 1970, 1980 and 1990

City/Municipality	1960			1970			1980			1990		
	Total Housing Units	Occupied	Vacant	Total Housing Units	Occupied	Vacant	Total Housing Units	Occupied	Vacant	Total Housing Units	Occupied	Vacant
IFUGAO	22,291	19,653	2,638	20,099	19,950	149	25,245	22,971	2,274	29,849	21,603	2,246
Aguinaldo	-	-	-	-	-	-	-	-	-	3,519	1,469	50
Alfonso Lista (Potia)	719	661	58	1,034	1,028	6	2,055	2,022	33	2,985	2,844	141
Banaue	6,586	5,462	1,124	4,947	4,880	67	5,989	5,165	804	4,082	3,440	642
Hingyon	-	-	-	-	-	-	-	-	-	2,258	1,894	364
Hungduan	1,950	1,919	31	1,891	1,865	26	2,109	1,950	159	1,606	1,491	115
Kiangan	3,178	2,997	181	3,277	3,256	21	3,898	3,598	300	4,337	4,145	192
Lagawe	4,440	3,888	552	3,415	3,397	18	3,903	3,398	505	2,722	2,397	325
Lamut	1,353	1,125	228	1,594	1,589	5	2,156	2,055	101	2,874	2,675	199
Mayoyao	4,065	3,601	464	3,941	3,935	6	5,135	4,763	372	3,909	3,808	101
Tinoc	-	-	-	-	-	-	-	-	-	1,557	1,440	117

## 1990 CENSUS OF POPULATION AND HOUSING

Table 2. Occupied Housing Units, Households, Household Population by Type of Building and City/Municipality, Urban-Rural : 1990

Type of Building, Area Classification and City/Municipality	Occupied Housing Units	Households	Household Population	R A T I O	
				Households to Occupied Housing Units	Household Population to Occupied Housing Units
<b>IFUGAO</b>					
Total	27,603	27,809	147,030	1.007	5.327
Single House	27,276	27,446	145,071	1.006	5.319
Duplex	168	174	985	1.036	5.863
Multi-unit Residential	116	145	768	1.250	6.621
Commercial/Industrial/Agricultural	36	37	180	1.028	5.000
Institutional Living Quarters	4	4	16	1.000	4.000
Other Housing Unit	2	2	5	1.000	2.500
Not Reported	1	1	5	1.000	5.000
<b>URBAN</b>					
Total	2,806	2,914	15,871	1.038	5.656
Single House	2,676	2,762	15,094	1.032	5.641
Duplex	5	5	25	1.000	5.000
Multi-unit Residential	89	110	568	1.236	6.382
Commercial/Industrial/Agricultural	34	35	177	1.029	5.206
Institutional Living Quarters	2	2	7	1.000	3.500
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>RURAL</b>					
Total	24,797	24,895	131,159	1.004	5.289
Single House	24,600	24,684	129,977	1.003	5.284
Duplex	163	169	960	1.037	5.890
Multi-unit Residential	27	35	200	1.296	7.407
Commercial/Industrial/Agricultural	2	2	3	1.000	1.500
Institutional Living Quarters	2	2	9	1.000	4.500
Other Housing Unit	2	2	5	1.000	2.500
Not Reported	1	1	5	1.000	5.000
<b>Kiangan</b>					
Total	4,145	4,167	21,304	1.005	5.140
Single House	4,055	4,077	20,804	1.005	5.130
Duplex	74	74	408	1.000	5.514
Multi-unit Residential	15	15	87	1.000	5.800
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	5	1.000	5.000
<b>Urban</b>					
Total	274	278	1,572	1.015	5.737
Single House	257	261	1,484	1.016	5.774
Duplex	3	3	10	1.000	3.333
Multi-unit Residential	14	14	78	1.000	5.571
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	3,871	3,889	19,732	1.005	5.097
Single House	3,798	3,816	19,320	1.005	5.087
Duplex	71	71	398	1.000	5.606
Multi-unit Residential	1	1	9	1.000	9.000
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	5	1.000	5.000

## IFUGAO

Table 2. Occupied Housing Units, Households, Household Population by Type of Building and City/Municipality, Urban-Rural : 1990 - Continued

Type of Building, Area Classification and City/Municipality	Occupied Housing Units	Households	Household Population	R A T I O	
				Households to Occupied Housing Units	Household Population to Occupied Housing Units
<b>Lamut</b>					
Total	2,675	2,694	14,096	1.007	5.270
Single House	2,663	2,673	13,977	1.004	5.249
Duplex	9	13	76	1.444	8.444
Multi-unit Residential	3	8	43	2.667	14.333
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	510	510	2,581	1.000	5.061
Single House	510	510	2,581	1.000	5.061
Duplex	-	-	-	-	-
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	2,165	2,184	11,515	1.009	5.319
Single House	2,153	2,163	11,396	1.005	5.293
Duplex	9	13	76	1.444	8.444
Multi-unit Residential	3	8	43	2.667	14.333
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Alfonso Lista (Potia)</b>					
Total	2,844	2,864	14,815	1.007	5.209
Single House	2,827	2,846	14,739	1.007	5.214
Duplex	14	15	71	1.071	5.071
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	2	2	3	1.000	1.500
Institutional Living Quarters	1	1	2	1.000	2.000
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	551	553	2,888	1.004	5.241
Single House	551	553	2,888	1.004	5.241
Duplex	-	-	-	-	-
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	2,293	2,311	11,927	1.008	5.201
Single House	2,276	2,293	11,851	1.007	5.207
Duplex	14	15	71	1.071	5.071
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	2	2	3	1.000	1.500
Institutional Living Quarters	1	1	2	1.000	2.000
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-

## 1990 CENSUS OF POPULATION AND HOUSING

Table 2. Occupied Housing Units, Households, Household Population by Type of Building and City/Municipality, Urban-Rural : 1990 - Continued

Type of Building, Area Classification and City/Municipality	Occupied Housing Units	Households	Household Population	R A T I O	
				Households to Occupied Housing Units	Household Population to Occupied Housing Units
<b>Aguinaldo</b>					
Total	3,469	3,486	19,748	1.005	5.693
Single House	3,465	3,482	19,721	1.005	5.691
Duplex	2	2	16	1.000	8.000
Multi-unit Residential	2	2	11	1.000	5.500
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	3,469	3,486	19,748	1.005	5.693
Single House	3,465	3,482	19,721	1.005	5.691
Duplex	2	2	16	1.000	8.000
Multi-unit Residential	2	2	11	1.000	5.500
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Banaue</b>					
Total	3,440	3,473	16,908	1.010	4.915
Single House	3,366	3,382	16,440	1.005	4.884
Duplex	5	5	28	1.000	5.600
Multi-unit Residential	52	69	365	1.327	7.019
Commercial/Industrial/Agricultural	14	14	61	1.000	4.357
Institutional Living Quarters	3	3	14	1.000	4.667
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	443	470	2,639	1.061	5.957
Single House	374	384	2,199	1.027	5.880
Duplex	1	1	7	1.000	7.000
Multi-unit Residential	52	69	365	1.327	7.019
Commercial/Industrial/Agricultural	14	14	61	1.000	4.357
Institutional Living Quarters	2	2	7	1.000	3.500
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	2,997	3,003	14,269	1.002	4.761
Single House	2,992	2,998	14,241	1.002	4.760
Duplex	4	4	21	1.000	5.250
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	1	1	7	1.000	7.000
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Hingyon</b>					
Total	1,894	1,894	8,373	1.000	4.421
Single House	1,852	1,852	8,140	1.000	4.395
Duplex	27	27	147	1.000	5.444
Multi-unit Residential	15	15	86	1.000	5.733
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-



## IFUGAO

Table 2. Occupied Housing Units, Households, Household Population by Type of Building and City/Municipality, Urban-Rural : 1990 - Continued

Type of Building, Area Classification and City/Municipality	Occupied Housing Units	Households	Household Population	R A T I O	
				Households to Occupied Housing Units	Household Population to Occupied Housing Units
Rural					
Total	1,894	1,894	8,373	1.000	4.421
Single House	1,852	1,852	8,140	1.000	4.395
Duplex	27	27	147	1.000	5.444
Multi-unit Residential	15	15	86	1.000	5.733
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Hungduan					
Total	1,491	1,493	7,254	1.001	4.865
Single House	1,486	1,488	7,232	1.001	4.867
Duplex	5	5	22	1.000	4.400
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	1,491	1,493	7,254	1.001	4.865
Single House	1,486	1,488	7,232	1.001	4.867
Duplex	5	5	22	1.000	4.400
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Lagawa					
Total	2,397	2,480	12,348	1.035	5.151
Single House	2,347	2,424	12,059	1.033	5.138
Duplex	7	8	48	1.143	6.857
Multi-unit Residential	23	27	125	1.174	5.435
Commercial/Industrial/Agricultural	20	21	116	1.050	5.800
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Urban					
Total	835	909	4,987	1.089	5.972
Single House	791	860	4,738	1.087	5.990
Duplex	1	1	8	1.000	8.000
Multi-unit Residential	23	27	125	1.174	5.435
Commercial/Industrial/Agricultural	20	21	116	1.050	5.800
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	1,562	1,571	7,361	1.006	4.713
Single House	1,556	1,564	7,321	1.005	4.705
Duplex	6	7	40	1.167	6.667
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-

## 1990 CENSUS OF POPULATION AND HOUSING

Table 2. Occupied Housing Units, Households, Household Population by Type of Building and City/Municipality, Urban-Rural : 1990 - Continued

Type of Building, Area Classification and City/Municipality	Occupied Housing Units	Households	Household Population	R A T I O	
				Households to Occupied Housing Units	Household Population to Occupied Housing Units
<b>Mayoyao</b>					
Total	3,808	3,815	23,928	1.002	6.284
Single House	3,798	3,802	23,856	1.001	6.281
Duplex	2	2	16	1.000	8.000
Multi-unit Residential	6	9	51	1.500	8.500
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	2	2	5	1.000	2.500
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	193	194	1,204	1.005	6.238
Single House	193	194	1,204	1.005	6.238
Duplex	-	-	-	-	-
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	3,615	3,621	22,724	1.002	6.286
Single House	3,605	3,608	22,652	1.001	6.283
Duplex	2	2	16	1.000	8.000
Multi-unit Residential	6	9	51	1.500	8.500
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	2	2	5	1.000	2.500
Not Reported	-	-	-	-	-
<b>Tinoc</b>					
Total	1,440	1,443	8,256	1.002	5.733
Single House	1,417	1,420	8,103	1.002	5.718
Duplex	23	23	153	1.000	6.652
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	1,440	1,443	8,256	1.002	5.733
Single House	1,417	1,420	8,103	1.002	5.718
Duplex	23	23	153	1.000	6.652
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-

# IFUGAO

Table 3. Occupied Housing Units by Construction Materials of the Outer Walls and Roof and City/Municipality : 1990

Construction Materials of the Outer Walls and City/Municipality	Total Occupied Housing Units	CONSTRUCTION MATERIALS OF THE ROOF								
		Galva- nized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Gal- vanized Iron and Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Impro- vised	Asbestos/ Others	Not Reported	
<b>IFUGAO</b>										
Total	27,603	11,147	170	380	277	15,243	25	360	1	
Concrete/Brick/Stone	819	730	21	12	2	53	-	1	-	
Wood	15,886	6,248	89	86	103	9,089	2	268	1	
Half Concrete/Brick/Stone & Half Wood	1,418	1,141	15	221	2	38	-	1	-	
Galvanized Iron/Aluminum	1,719	1,633	12	9	19	42	-	4	-	
Bamboo/Sawali/Cogon/Nipa	7,577	1,308	33	50	150	5,969	4	63	-	
Makeshift/Salvaged/Improvised	68	21	-	1	-	27	17	2	-	
Asbestos/Glass/Others	105	59	-	1	1	21	2	21	-	
No Walls/Not Reported	11	7	-	-	-	4	-	-	-	
<b>Kiangan</b>										
Total	4,145	2,305	47	7	16	1,766	3	1	-	
Concrete/Brick/Stone	59	55	-	-	-	4	-	-	-	
Wood	2,637	1,412	23	3	11	1,186	1	1	-	
Half Concrete/Brick/Stone & Half Wood	75	68	3	1	1	2	-	-	-	
Galvanized Iron/Aluminum	218	211	3	-	2	2	-	-	-	
Bamboo/Sawali/Cogon/Nipa	1,136	548	18	3	2	564	1	-	-	
Makeshift/Salvaged/Improvised	9	7	-	-	-	1	1	-	-	
Asbestos/Glass/Others	8	2	-	-	-	6	-	-	-	
No Walls/Not Reported	3	2	-	-	-	1	-	-	-	
<b>Lamut</b>										
Total	2,675	1,070	32	233	17	1,315	-	8	-	
Concrete/Brick/Stone	144	135	2	5	-	1	-	1	-	
Wood	682	416	17	60	8	181	-	-	-	
Half Concrete/Brick/Stone & Half Wood	411	275	5	122	-	9	-	-	-	
Galvanized Iron/Aluminum	32	16	1	7	7	1	-	-	-	
Bamboo/Sawali/Cogon/Nipa	1,369	198	7	38	2	1,118	-	6	-	
Makeshift/Salvaged/Improvised	-	-	-	-	-	-	-	-	-	
Asbestos/Glass/Others	36	29	-	1	-	5	-	1	-	
No Walls/Not Reported	1	1	-	-	-	-	-	-	-	
<b>Alfonso Lista (Potia)</b>										
Total	2,844	738	10	101	6	1,984	3	2	-	
Concrete/Brick/Stone	196	183	5	3	-	5	-	-	-	
Wood	235	173	1	1	-	60	-	-	-	
Half Concrete/Brick/Stone & Half Wood	317	214	2	89	-	12	-	-	-	
Galvanized Iron/Aluminum	22	18	-	-	1	3	-	-	-	
Bamboo/Sawali/Cogon/Nipa	2,064	147	2	7	5	1,902	1	-	-	
Makeshift/Salvaged/Improvised	4	-	-	1	-	2	1	-	-	
Asbestos/Glass/Others	4	1	-	-	-	-	1	2	-	
No Walls/Not Reported	2	2	-	-	-	-	-	-	-	
<b>Aguinaldo</b>										
Total	3,469	685	10	-	29	2,745	-	-	-	
Concrete/Brick/Stone	36	17	3	-	1	15	-	-	-	
Wood	2,469	575	6	-	24	1,864	-	-	-	
Half Concrete/Brick/Stone & Half Wood	18	9	-	-	-	9	-	-	-	
Galvanized Iron/Aluminum	73	60	1	-	-	12	-	-	-	
Bamboo/Sawali/Cogon/Nipa	871	23	-	-	4	844	-	-	-	
Makeshift/Salvaged/Improvised	1	1	-	-	-	-	-	-	-	
Asbestos/Glass/Others	1	-	-	-	-	1	-	-	-	
No Walls/Not Reported	-	-	-	-	-	-	-	-	-	
<b>Banaue</b>										
Total	3,440	1,408	24	5	26	1,967	4	5	1	
Concrete/Brick/Stone	66	58	5	-	-	3	-	-	-	
Wood	2,523	641	14	3	24	1,835	-	5	1	
Half Concrete/Brick/Stone & Half Wood	114	105	3	2	-	4	-	-	-	
Galvanized Iron/Aluminum	566	552	1	-	1	12	-	-	-	
Bamboo/Sawali/Cogon/Nipa	130	24	1	-	1	104	-	-	-	
Makeshift/Salvaged/Improvised	9	4	-	-	-	2	3	-	-	
Asbestos/Glass/Others	32	24	-	-	-	7	1	-	-	
No Walls/Not Reported	-	-	-	-	-	-	-	-	-	

## 1990 CENSUS OF POPULATION AND HOUSING

Table 3. Occupied Housing Units by Construction Materials of the Outer Walls and Roof and City/Municipality : 1990 - Continued

Construction Materials of the Outer Walls and City/Municipality	Total Occupied Housing Units	CONSTRUCTION MATERIALS OF THE ROOF							
		Galva- nized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Gal- vanized Iron and Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised	Asbestos/ Others	Not Reported
<b>Hingyon</b>									
Total	1,894	1,193	12	5	7	677	-	-	-
Concrete/Brick/Stone	28	28	-	-	-	-	-	-	-
Wood	1,182	790	10	1	3	378	-	-	-
Half Concrete/Brick/Stone & Half Wood	43	39	-	2	1	.1	-	-	-
Galvanized Iron/Aluminum	227	222	-	1	1	3	-	-	-
Bamboo/Sawali/Cogon/Nipa	410	112	2	1	2	293	-	-	-
Makeshift/Salvaged/Improvised	4	2	-	-	-	2	-	-	-
Asbestos/Glass/Others	-	-	-	-	-	-	-	-	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-
<b>Hungduan</b>									
Total	1,491	879	5	10	11	246	2	338	-
Concrete/Brick/Stone	34	30	2	1	1	-	-	-	-
Wood	1,134	674	3	7	6	186	-	258	-
Half Concrete/Brick/Stone & Half Wood	29	28	-	1	-	-	-	-	-
Galvanized Iron/Aluminum	140	132	-	1	3	-	-	4	-
Bamboo/Sawali/Cogon/Nipa	122	14	-	-	-	52	-	56	-
Makeshift/Salvaged/Improvised	10	-	-	-	-	6	2	2	-
Asbestos/Glass/Others	22	1	-	-	1	2	-	18	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-
<b>Lagawe</b>									
Total	2,397	1,408	7	14	10	950	5	3	-
Concrete/Brick/Stone	214	210	3	1	-	-	-	-	-
Wood	907	519	1	8	4	372	1	2	-
Half Concrete/Brick/Stone & Half Wood	401	394	2	4	-	1	-	-	-
Galvanized Iron/Aluminum	46	43	-	-	2	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	812	231	1	1	4	572	2	1	-
Makeshift/Salvaged/Improvised	10	7	-	-	-	1	2	-	-
Asbestos/Glass/Others	2	2	-	-	-	-	-	-	-
No Walls/Not Reported	5	2	-	-	-	3	-	-	-
<b>Mayoyao</b>									
Total	3,808	1,035	18	3	147	2,595	7	3	-
Concrete/Brick/Stone	40	13	1	2	-	24	-	-	-
Wood	2,806	673	9	1	15	2,106	-	2	-
Half Concrete/Brick/Stone & Half Wood	7	6	-	-	-	-	-	1	-
Galvanized Iron/Aluminum	347	332	6	-	2	7	-	-	-
Bamboo/Sawali/Cogon/Nipa	598	11	2	-	130	455	-	-	-
Makeshift/Salvaged/Improvised	10	-	-	-	-	3	7	-	-
Asbestos/Glass/Others	-	-	-	-	-	-	-	-	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-
<b>Tinoc</b>									
Total	1,440	426	5	2	8	998	1	-	-
Concrete/Brick/Stone	2	1	-	-	-	1	-	-	-
Wood	1,311	375	5	2	8	921	-	-	-
Half Concrete/Brick/Stone & Half Wood	3	3	-	-	-	-	-	-	-
Galvanized Iron/Aluminum	48	47	-	-	-	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	65	-	-	-	-	65	-	-	-
Makeshift/Salvaged/Improvised	11	-	-	-	-	10	1	-	-
Asbestos/Glass/Others	-	-	-	-	-	-	-	-	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-

## IFUGAO

Table 4. Occupied Housing Units by Condition (State of Repair) of the Building, Year Built and City/Municipality: 1990

Year Built and City/Municipality	Total Occupied Housing Units	C O N D I T I O N ( S T A T E O F R E P A I R ) O F T H E B U I L D I N G						
		Needs No Repair/ Needs Minor Repair	Needs Major Repair	Dilapidated/ Condemned	Under Renovation/ Being Repaired	Under Construction	Unfinished Construction	Not Reported
<b>IFUGAO</b>								
Total	27,603	22,851	3,299	136	130	374	808	5
1986-1990	7,345	5,980	591	23	40	263	447	1
1981-1985	5,404	4,516	607	35	24	61	161	-
1971-1980	5,575	4,685	674	37	25	34	120	-
1961-1970	3,778	3,173	515	10	26	4	50	-
1951-1960	2,307	1,910	357	8	8	7	17	-
1950 or earlier	1,961	1,602	344	7	4	1	3	-
Not applicable	1	-	-	-	-	1	-	-
Don't know/Not reported	1,232	985	211	16	3	3	10	4
<b>Kiangan</b>								
Total	4,145	2,917	975	38	16	63	136	-
1986-1990	1,462	1,124	203	11	5	46	73	-
1981-1985	883	643	201	8	2	8	21	-
1971-1980	789	521	222	8	5	8	25	-
1961-1970	465	300	148	3	1	1	12	-
1951-1960	257	146	101	5	1	-	4	-
1950 or earlier	258	167	85	3	2	-	1	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	31	16	15	-	-	-	-	-
<b>Lamut</b>								
Total	2,675	1,811	427	5	43	96	292	1
1986-1990	971	634	99	2	13	67	156	-
1981-1985	506	348	84	-	9	18	47	-
1971-1980	633	466	96	2	7	5	57	-
1961-1970	333	228	70	-	11	3	21	-
1951-1960	157	101	44	1	3	1	7	-
1950 or earlier	51	24	25	-	-	1	1	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	24	10	9	-	-	1	3	1
<b>Alfonso Lista (Potia)</b>								
Total	2,844	2,297	251	56	19	113	107	1
1986-1990	1,321	1,076	70	7	9	88	71	-
1981-1985	683	544	84	21	5	8	21	-
1971-1980	610	479	77	25	3	14	12	-
1961-1970	143	121	16	3	2	-	1	-
1951-1960	63	55	3	-	-	3	2	-
1950 or earlier	19	18	1	-	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	5	4	-	-	-	-	-	1
<b>Aguinaldo</b>								
Total	3,469	3,186	246	2	8	12	15	-
1986-1990	811	755	35	-	3	8	10	-
1981-1985	983	949	27	1	1	3	2	-
1971-1980	833	761	65	1	2	1	3	-
1961-1970	523	463	58	-	2	-	-	-
1951-1960	230	190	40	-	-	-	-	-
1950 or earlier	82	64	18	-	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	7	4	3	-	-	-	-	-
<b>Banaue</b>								
Total	3,440	3,159	223	3	2	8	43	2
1986-1990	660	589	35	-	-	5	31	-
1981-1985	430	382	35	1	-	2	10	-
1971-1980	569	532	34	-	-	1	2	-
1961-1970	366	335	31	-	-	-	-	-
1951-1960	302	281	20	1	-	-	-	-
1950 or earlier	591	547	43	1	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	522	493	25	-	2	-	-	2

## 1990 CENSUS OF POPULATION AND HOUSING

Table 4. Occupied Housing Units by Condition (State of Repair) of the Building, Year Built and City/Municipality: 1990 - Continued

Year Built and City/Municipality	Total Occupied Housing Units	CONDITION (STATE OF REPAIR) OF THE BUILDING						
		Needs No Repair/ Needs Minor Repair	Needs Major Repair	Dilapidated/ Condemned	Under Renovation/ Being Repaired	Under Construction	Unfinished Construction	Not Reported
<b>Hingyon</b>								
Total	1,894	1,817	69	-	-	5	3	-
1986-1990	345	336	5	-	-	3	1	-
1981-1985	274	262	10	-	-	1	1	-
1971-1980	383	375	8	-	-	-	-	-
1961-1970	345	333	12	-	-	-	-	-
1951-1960	257	246	10	-	-	-	1	-
1950 or earlier	284	260	24	-	-	-	-	-
Not applicable	1	-	-	-	-	1	-	-
Don't know/Not reported	5	5	-	-	-	-	-	-
<b>Hungduan</b>								
Total	1,491	1,253	213	2	6	5	12	-
1986-1990	445	393	36	-	1	5	10	-
1981-1985	307	282	21	1	1	-	2	-
1971-1980	241	217	22	-	2	-	-	-
1961-1970	224	185	38	-	1	-	-	-
1951-1960	121	89	31	-	1	-	-	-
1950 or earlier	95	44	50	1	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	58	43	15	-	-	-	-	-
<b>Lagawe</b>								
Total	2,397	1,450	635	27	30	66	189	-
1986-1990	604	377	88	3	9	36	91	-
1981-1985	441	245	112	3	6	20	55	-
1971-1980	444	308	106	1	4	5	20	-
1961-1970	350	205	120	2	7	-	16	-
1951-1960	201	128	64	1	2	3	3	-
1950 or earlier	139	96	38	2	2	-	1	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	218	91	107	15	-	2	3	-
<b>Mayoyao</b>								
Total	3,808	3,637	152	2	4	3	10	-
1986-1990	290	278	6	-	-	2	4	-
1981-1985	505	492	10	-	-	1	2	-
1971-1980	759	744	12	-	2	-	1	-
1961-1970	894	883	9	1	1	-	-	-
1951-1960	647	626	21	-	-	-	-	-
1950 or earlier	438	378	60	-	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	275	236	34	1	1	-	3	-
<b>Tinoc</b>								
Total	1,440	1,324	108	1	2	3	1	1
1986-1990	436	418	14	-	-	3	-	1
1981-1985	392	369	23	-	-	-	-	-
1971-1980	314	282	32	-	-	-	-	-
1961-1970	135	120	13	1	1	-	-	-
1951-1960	72	48	23	-	1	-	-	-
1950 or earlier	4	4	-	-	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	87	83	3	-	-	-	1	-

## IFUGAO

Table 5A. Occupied Housing Units by Type of Building and Number of Households in Each Housing Unit, Urban-Rural : 1990

Number of Households In Each Housing Unit and Area Classification	Total Occupied Housing Units	T Y P E O F B U I L D I N G						
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/ Industrial/ Agricultural	Institu- tional Living Quarters	Other Housing Unit	Not Reported
<b>IFUGAO</b>								
Total	27,603	27,276	168	116	36	4	2	1
One Household	27,449	27,144	163	100	35	4	2	1
Two Households	118	106	4	7	1	-	-	-
Three Households	23	17	1	5	-	-	-	-
Four Households	10	6	-	4	-	-	-	-
Five Households	3	3	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.007	1.006	1.036	1.250	1.028	1.000	1.000	1.000
<b>URBAN</b>								
Total	2,806	2,676	5	89	34	2	-	-
One Household	2,737	2,620	5	77	33	2	-	-
Two Households	44	37	-	6	1	-	-	-
Three Households	14	11	-	3	-	-	-	-
Four Households	8	5	-	3	-	-	-	-
Five Households	3	3	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.038	1.032	1.000	1.236	1.029	1.000	-	-
<b>RURAL</b>								
Total	24,797	24,600	163	27	2	2	2	1
One Household	24,712	24,524	158	23	2	2	2	1
Two Households	74	69	4	1	-	-	-	-
Three Households	9	6	1	2	-	-	-	-
Four Households	2	1	-	1	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.004	1.003	1.037	1.296	1.000	1.000	1.000	1.000

## 1990 CENSUS OF POPULATION AND HOUSING

Table 5B. Occupied Housing Units by Type of Building, Number of Households in Each Housing Unit and City/Municipality : 1990

Number of Households In Each Housing Unit and City/Municipality	Total Occupied Housing Units	T Y P E O F B U I L D I N G						
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/ Industrial/ Agricultural	Institu- tional Living Quarters	Other Housing Unit	Not Reported
<b>IFUGAO</b>								
Total	27,603	27,276	168	116	36	4	2	1
One Household	27,449	27,144	163	100	35	4	2	1
Two Households	118	106	4	7	1	-	-	-
Three Households	23	17	1	5	-	-	-	-
Four Households	10	6	-	4	-	-	-	-
Five Households	3	3	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.007	1.006	1.036	1.250	1.028	1.000	1.000	1.000
<b>Klangan</b>								
Total	4,145	4,055	74	15	-	-	-	1
One Household	4,127	4,037	74	15	-	-	-	1
Two Households	15	15	-	-	-	-	-	-
Three Households	2	2	-	-	-	-	-	-
Four Households	1	1	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.005	1.005	1.000	1.000	-	-	-	1.000
<b>Lamut</b>								
Total	2,675	2,663	9	3	-	-	-	-
One Household	2,661	2,655	6	-	-	-	-	-
Two Households	9	6	2	1	-	-	-	-
Three Households	5	2	1	2	-	-	-	-
Four Households	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.007	1.004	1.444	2.667	-	-	-	-
<b>Alfonso Lista (Potia)</b>								
Total	2,844	2,827	14	-	2	1	-	-
One Household	2,826	2,810	13	-	2	1	-	-
Two Households	16	15	1	-	-	-	-	-
Three Households	2	2	-	-	-	-	-	-
Four Households	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.007	1.007	1.071	-	1.000	1.000	-	-
<b>Aguinaldo</b>								
Total	3,469	3,465	2	2	-	-	-	-
One Household	3,452	3,448	2	2	-	-	-	-
Two Households	17	17	-	-	-	-	-	-
Three Households	-	-	-	-	-	-	-	-
Four Households	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.005	1.005	1.000	1.000	-	-	-	-



## IFUGAO

Table 5B. Occupied Housing Units by Type of Building, Number of Households in Each Housing Unit and City/Municipality, : 1990 - Continued

Number of Households In Each Housing Unit and City/Municipality	Total Occupied Housing Units	TYPE OF BUILDING							Not Reported
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/ Industrial/ Agricultural	Institu- tional Living Quarters	Other Housing Unit		
<b>Banaue</b>									
Total	3,440	3,366	5	52	14	3	-	-	-
One Household	3,417	3,353	5	42	14	3	-	-	-
Two Households	16	11	-	5	-	-	-	-	-
Three Households	4	1	-	3	-	-	-	-	-
Four Households	3	1	-	2	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.010	1.005	1.000	1.327	1.000	1.000	-	-	-
<b>Hingyon</b>									
Total	1,894	1,852	27	15	-	-	-	-	-
One Household	1,894	1,852	27	15	-	-	-	-	-
Two Households	-	-	-	-	-	-	-	-	-
Three Households	-	-	-	-	-	-	-	-	-
Four Households	-	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.000	1.000	1.000	1.000	-	-	-	-	-
<b>Hungduan</b>									
Total	1,491	1,486	5	-	-	-	-	-	-
One Household	1,489	1,484	5	-	-	-	-	-	-
Two Households	2	2	-	-	-	-	-	-	-
Three Households	-	-	-	-	-	-	-	-	-
Four Households	-	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.001	1.001	1.000	-	-	-	-	-	-
<b>Legawe</b>									
Total	2,397	2,347	7	23	20	-	-	-	-
One Household	2,343	2,297	6	21	19	-	-	-	-
Two Households	36	33	1	1	1	-	-	-	-
Three Households	10	10	-	-	-	-	-	-	-
Four Households	5	4	-	1	-	-	-	-	-
Five Households	3	3	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.035	1.033	1.143	1.174	1.050	-	-	-	-
<b>Mayoyao</b>									
Total	3,808	3,798	2	6	-	-	2	-	-
One Household	3,803	3,794	2	5	-	-	2	-	-
Two Households	4	4	-	-	-	-	-	-	-
Three Households	-	-	-	-	-	-	-	-	-
Four Households	1	-	-	1	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.002	1.001	1.000	1.500	-	-	1.000	-	-

## 1990 CENSUS OF POPULATION AND HOUSING

Table 58. Occupied Housing Units by Type of Building, Number of Households in Each Housing Unit and City/Municipality : 1990 - Continued

Number of Households In Each Housing Unit and City/Municipality	Total Occupied Housing Units	TYPE OF BUILDING							
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/ Industrial/ Agricultural	Institu- tional Living Quarters	Other Housing Unit	Not Reported	
Tinoc									
Total	1,440	1,417	23	-	-	-	-	-	-
One Household	1,437	1,414	23	-	-	-	-	-	-
Two Households	3	3	-	-	-	-	-	-	-
Three Households	-	-	-	-	-	-	-	-	-
Four Households	-	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.002	1.002	1.000	-	-	-	-	-	-

## IFUGAO

Table 6A. Occupied Housing Units by Floor Area and Number of Occupants in Each Housing Unit, Urban-Rural : 1990

Number of Occupants in Each Housing Unit and Area Classification	Total Occupied Housing Units	FLOOR AREA OF THE HOUSING UNIT (in sq. meters)								
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	Not Reported
<b>IFUGAO</b>										
Total	27,603	10,174	8,657	4,377	2,326	827	450	312	470	10
One Occupant	2,078	1,184	595	172	63	26	10	9	16	3
Two Occupants	2,466	1,106	818	308	121	43	24	26	18	2
Three Occupants	2,889	1,131	975	419	202	59	37	21	45	-
Four Occupants	3,440	1,234	1,157	530	294	93	44	36	51	1
Five Occupants	3,797	1,304	1,177	694	351	119	49	41	61	1
Six Occupants	3,690	1,303	1,073	655	360	130	67	48	54	-
Seven Occupants	3,328	1,086	1,060	571	327	109	61	51	61	2
Eight Occupants	3,406	1,223	1,031	553	311	121	74	31	62	-
Nine Occupants	1,007	263	334	180	105	39	33	9	44	-
Ten Occupants or More	1,502	340	437	295	192	88	51	40	58	1
Mean Number of Occupants	5.327	4.869	5.272	5.695	5.977	6.195	6.469	6.160	6.434	4.000
<b>URBAN</b>										
Total	2,806	362	489	512	558	280	228	187	184	6
One Occupant	156	41	39	25	23	8	7	5	6	2
Two Occupants	215	37	45	42	36	16	13	20	6	-
Three Occupants	261	44	59	50	47	19	20	10	12	-
Four Occupants	368	48	74	64	83	40	20	19	19	1
Five Occupants	417	48	79	93	80	42	22	30	23	-
Six Occupants	410	52	58	80	95	38	38	24	25	-
Seven Occupants	354	38	52	61	73	37	33	36	22	2
Eight Occupants	275	21	37	49	58	37	33	16	24	-
Nine Occupants	105	13	18	16	12	10	17	3	16	-
Ten Occupants or More	245	20	28	32	51	33	25	24	31	1
Mean Number of Occupants	5.656	4.909	5.086	5.447	5.756	6.132	6.351	6.112	6.891	5.000
<b>RURAL</b>										
Total	24,797	9,812	8,168	3,865	1,768	547	222	125	286	4
One Occupant	1,922	1,143	556	147	40	18	3	4	10	1
Two Occupants	2,251	1,069	773	266	85	27	11	6	12	2
Three Occupants	2,628	1,087	916	369	155	40	17	11	33	-
Four Occupants	3,072	1,186	1,083	466	211	53	24	17	32	-
Five Occupants	3,380	1,256	1,098	601	271	77	27	11	38	1
Six Occupants	3,280	1,251	1,015	575	265	92	29	24	29	-
Seven Occupants	2,974	1,048	1,008	510	254	72	28	15	39	-
Eight Occupants	3,131	1,202	994	504	253	84	41	15	38	-
Nine Occupants	902	250	316	164	93	29	16	6	28	-
Ten Occupants or More	1,257	320	409	263	141	55	26	16	27	-
Mean Number of Occupants	5.289	4.868	5.283	5.728	6.046	6.227	6.590	6.232	6.140	2.500

## 1990 CENSUS OF POPULATION AND HOUSING

Table 6B. Occupied Housing Units by Floor Area, Number of Occupants in Each Housing Unit and City/Municipality : 1990

Number of Occupants in Each Housing Unit and City/Municipality	Total Occupied Housing Units	FLOOR AREA OF THE HOUSING UNIT (in sq. meters)								
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	Not Reported
<b>IFUGAO</b>										
Total	27,603	10,174	8,657	4,377	2,326	827	450	312	470	10
One Occupant	2,078	1,184	595	172	63	26	10	9	16	3
Two Occupants	2,466	1,106	818	308	121	43	24	26	18	2
Three Occupants	2,889	1,131	975	419	202	59	37	21	45	-
Four Occupants	3,440	1,234	1,157	530	294	93	44	36	51	1
Five Occupants	3,797	1,304	1,177	694	351	119	49	41	61	1
Six Occupants	3,690	1,303	1,073	655	360	130	67	48	54	-
Seven Occupants	3,328	1,086	1,060	571	327	109	61	51	61	2
Eight Occupants	3,406	1,223	1,031	553	311	121	74	31	62	-
Nine Occupants	1,007	263	334	180	105	39	33	9	44	-
Ten Occupants or More	1,502	340	437	295	192	88	51	40	58	1
Mean Number of Occupants	5.327	4.869	5.272	5.695	5.977	6.195	6.469	6.160	6.434	4.000
<b>Kiangan</b>										
Total	4,145	797	1,759	823	401	102	81	53	128	1
One Occupant	324	119	143	46	9	2	1	1	3	-
Two Occupants	468	117	232	67	29	7	7	3	5	1
Three Occupants	484	98	226	91	39	11	5	3	11	-
Four Occupants	513	115	228	82	47	10	9	5	17	-
Five Occupants	535	106	206	124	53	15	7	6	16	-
Six Occupants	513	88	207	113	55	18	13	7	12	-
Seven Occupants	493	68	208	94	68	17	9	11	18	-
Eight Occupants	419	58	167	95	54	8	10	6	21	-
Nine Occupants	174	17	70	38	25	2	10	1	11	-
Ten Occupants or More	222	11	72	73	22	12	10	6	14	-
Mean Number of Occupants	5.140	4.231	4.920	5.643	5.850	5.941	6.543	6.302	6.375	2.000
<b>Lamut</b>										
Total	2,675	339	602	675	485	251	118	84	119	2
One Occupant	153	38	43	31	18	11	4	1	6	1
Two Occupants	241	39	63	75	32	16	6	6	4	-
Three Occupants	330	56	91	76	51	19	14	7	16	-
Four Occupants	390	48	107	87	79	30	17	12	9	1
Five Occupants	390	43	82	115	68	36	16	14	15	-
Six Occupants	362	34	63	87	85	44	19	14	14	-
Seven Occupants	292	26	61	74	56	34	14	14	15	-
Eight Occupants	243	32	51	62	41	27	12	4	13	-
Nine Occupants	121	10	20	31	23	16	8	1	10	-
Ten Occupants or More	153	13	21	37	32	18	8	1	17	-
Mean Number of Occupants	5.270	4.593	4.812	5.265	5.548	5.876	5.822	5.736	6.286	2.500
<b>Alfonso Lista (Potia)</b>										
Total	2,844	883	698	555	450	169	46	24	17	2
One Occupant	108	43	27	18	13	6	-	-	-	1
Two Occupants	278	118	79	46	24	6	1	1	-	1
Three Occupants	340	126	98	59	37	15	4	-	-	-
Four Occupants	463	173	120	86	55	17	7	4	1	-
Five Occupants	451	132	112	95	83	23	4	2	-	-
Six Occupants	426	107	93	93	80	35	10	1	5	-
Seven Occupants	304	76	67	67	63	18	6	1	4	-
Eight Occupants	232	58	51	42	40	24	11	1	3	-
Nine Occupants	98	24	26	20	18	7	-	1	1	-
Ten Occupants or More	144	26	25	29	37	18	3	1	3	-
Mean Number of Occupants	5.209	4.696	4.974	5.326	5.824	6.172	6.152	6.411	8.000	1.500

## IFUGAO

Table 68. Occupied Housing Units by Floor Area, Number of Occupants in Each Housing Unit and City/Municipality : 1990 - Continued

Number of Occupants in Each Housing Unit and City/Municipality	Total Occupied Housing Units	FLOOR AREA OF THE HOUSING UNIT (in sq. meters)								
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	Not Reported
<b>Aguinaldo</b>										
Total	3,469	2,139	651	301	149	21	6	1	1	-
One Occupant	63	48	12	2	1	-	-	-	-	-
Two Occupants	105	80	16	7	1	1	-	-	-	-
Three Occupants	306	191	78	32	5	-	-	-	-	-
Four Occupants	469	290	98	55	25	-	1	-	-	-
Five Occupants	677	442	148	56	25	4	2	-	-	-
Six Occupants	683	471	131	51	22	6	2	-	-	-
Seven Occupants	489	295	139	33	18	4	-	-	-	-
Eight Occupants	534	261	164	55	46	5	1	1	1	-
Nine Occupants	53	27	21	3	2	-	-	-	-	-
Ten Occupants or More	90	34	44	7	4	1	-	-	-	-
Mean Number of Occupants	5.693	5.493	6.083	5.638	6.268	6.714	5.667	8.000	8.000	-
<b>Banaue</b>										
Total	3,440	1,457	1,246	336	237	62	40	31	30	1
One Occupant	457	280	147	22	7	-	-	-	-	1
Two Occupants	440	212	181	27	9	2	4	4	1	-
Three Occupants	408	173	159	47	20	4	2	-	3	-
Four Occupants	409	164	159	40	29	7	2	5	3	-
Five Occupants	365	143	143	36	26	6	4	3	4	-
Six Occupants	315	115	108	42	34	7	2	4	3	-
Seven Occupants	352	123	124	47	45	5	5	1	2	-
Eight Occupants	285	98	97	35	26	13	7	3	6	-
Nine Occupants	149	55	63	8	13	5	4	1	-	-
Ten Occupants or More	260	94	65	32	28	13	10	10	8	-
Mean Number of Occupants	4.915	4.423	4.747	5.476	6.342	7.177	7.275	7.710	7.633	1.000
<b>Hingyon</b>										
Total	1,894	1,020	545	219	65	16	15	7	7	-
One Occupant	442	329	89	19	1	-	1	2	1	-
Two Occupants	249	169	52	19	6	2	1	-	-	-
Three Occupants	191	104	63	11	8	1	1	1	2	-
Four Occupants	168	79	54	27	5	1	1	-	1	-
Five Occupants	178	77	53	32	11	2	-	1	2	-
Six Occupants	165	84	46	25	6	1	1	1	1	-
Seven Occupants	152	57	53	29	7	3	3	-	-	-
Eight Occupants	133	50	52	21	4	2	4	-	-	-
Nine Occupants	90	33	28	19	5	4	1	-	-	-
Ten Occupants or More	126	38	55	17	12	-	2	2	-	-
Mean Number of Occupants	4.421	3.622	5.072	5.671	6.200	6.250	6.933	5.571	3.857	-
<b>Hungduan</b>										
Total	1,491	1,145	292	47	5	-	1	1	-	-
One Occupant	162	149	13	-	-	-	-	-	-	-
Two Occupants	194	167	22	4	-	-	1	-	-	-
Three Occupants	190	157	32	1	-	-	-	-	-	-
Four Occupants	192	147	38	5	2	-	-	-	-	-
Five Occupants	161	109	42	10	-	-	-	-	-	-
Six Occupants	161	113	44	3	1	-	-	-	-	-
Seven Occupants	140	106	26	7	1	-	-	-	-	-
Eight Occupants	144	104	31	8	1	-	-	-	-	-
Nine Occupants	72	40	25	6	-	-	-	1	-	-
Ten Occupants or More	75	53	19	3	-	-	-	-	-	-
Mean Number of Occupants	4.865	4.608	5.616	6.340	5.800	-	2.000	9.000	-	-

## 1990 CENSUS OF POPULATION AND HOUSING

Table 6B. Occupied Housing Units by Floor Area, Number of Occupants in Each Housing Unit and City/Municipality : 1990 - Continued

Number of Occupants in Each Housing Unit and City/Municipality	Total Occupied Housing Units	FLOOR AREA OF THE HOUSING UNIT (in sq. meters)								Not Reported
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	
<b>Legawe</b>										
Total	2,397	948	567	314	155	106	101	85	116	4
One Occupant	268	154	68	23	6	5	4	2	6	-
Two Occupants	252	136	58	32	4	5	3	3	6	-
Three Occupants	277	135	63	33	20	6	7	7	6	-
Four Occupants	274	121	66	27	17	17	3	9	14	-
Five Occupants	262	96	65	35	16	11	12	3	18	1
Six Occupants	278	94	81	33	19	10	16	13	12	-
Seven Occupants	278	91	61	35	19	16	18	20	16	2
Eight Occupants	237	62	48	47	24	16	20	10	10	-
Nine Occupants	116	28	25	24	9	3	8	1	18	-
Ten Occupants or More	155	31	32	25	21	17	10	3	10	1
Mean Number of Occupants	5.151	4.314	5.019	5.704	6.406	6.368	6.624	6.035	6.345	7.250
<b>Mayoyao</b>										
Total	3,808	1,095	1,433	842	298	75	30	12	23	-
One Occupant	55	10	33	6	4	1	-	1	-	-
Two Occupants	123	25	66	16	13	2	-	-	1	-
Three Occupants	208	35	102	49	17	1	1	1	2	-
Four Occupants	381	54	188	97	31	8	2	-	1	-
Five Occupants	567	100	234	153	54	18	3	2	3	-
Six Occupants	596	146	222	165	47	7	4	2	3	-
Seven Occupants	650	219	224	146	39	10	4	2	6	-
Eight Occupants	1,027	462	302	162	67	21	7	2	4	-
Nine Occupants	43	15	12	9	2	1	2	-	2	-
Ten Occupants or More	158	29	50	39	24	6	7	2	1	-
Mean Number of Occupants	6.284	6.815	5.883	6.202	6.238	6.507	7.967	6.750	6.391	-
<b>Tinoc</b>										
Total	1,440	351	664	265	81	25	12	13	29	-
One Occupant	46	14	20	5	4	1	-	2	-	-
Two Occupants	116	43	49	15	3	2	1	2	1	-
Three Occupants	155	56	63	20	5	2	3	1	5	-
Four Occupants	181	43	99	24	4	3	2	1	5	-
Five Occupants	211	56	92	38	15	4	1	2	3	-
Six Occupants	191	51	78	43	11	2	-	2	4	-
Seven Occupants	178	25	97	39	11	2	2	2	-	-
Eight Occupants	152	38	68	26	8	5	2	1	4	-
Nine Occupants	91	14	44	22	8	1	-	-	2	-
Ten Occupants or More	119	11	54	33	12	3	1	-	5	-
Mean Number of Occupants	5.733	4.977	5.792	6.355	6.457	6.000	6.000	4.385	6.103	-

## IFUGAO

Table 7A. Households by Type of Building and Tenure Status of the Housing Unit, Urban-Rural : 1990

Tenure Status of the Housing Unit and Area Classification	Total Households	TYPE OF BUILDING						
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/Industrial/Agricultural	Institutional Living Quarters	Other Housing Unit	Not Reported
<b>IFUGAO</b>								
Total	27,809	27,446	174	145	37	4	2	1
Owned/Being Amortized	25,661	25,428	154	59	17	1	1	1
Rented	450	356	6	71	17	-	-	-
Being Occupied for Free With Consent of Owner	1,693	1,658	14	15	3	3	-	-
Being Occupied for Free Without Consent of Owner	5	4	-	-	-	-	1	-
<b>URBAN</b>								
Total	2,914	2,762	5	110	35	2	-	-
Owned/Being Amortized	2,323	2,267	2	39	15	-	-	-
Rented	317	237	3	60	17	-	-	-
Being Occupied for Free With Consent of Owner	274	258	-	11	3	2	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-
<b>RURAL</b>								
Total	24,895	24,684	169	35	2	2	2	1
Owned/Being Amortized	23,338	23,161	152	20	2	1	1	1
Rented	133	119	3	11	-	-	-	-
Being Occupied for Free With Consent of Owner	1,419	1,400	14	4	-	1	-	-
Being Occupied for Free Without Consent of Owner	5	4	-	-	-	-	1	-

## 1990 CENSUS OF POPULATION AND HOUSING

Table 7B. Households by Type of Building, Tenure Status of the Housing Unit and City/Municipality : 1990 - Continued

Tenure Status of the Housing Unit and City/Municipality	Total Households	TYPE OF BUILDING						
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/Industrial/Agricultural	Institutional Living Quarters	Other Housing Unit	Not Reported
<b>IFUGAO</b>								
Total	27,809	27,446	174	145	37	4	2	1
Owned/Being Amortized	25,661	25,428	154	59	17	1	1	1
Rented	450	356	6	71	17	-	-	-
Being Occupied for Free With Consent of Owner	1,693	1,658	14	15	3	3	-	-
Being Occupied for Free Without Consent of Owner	5	4	-	-	-	-	1	-
<b>Kiangan</b>								
Total	4,167	4,077	74	15	-	-	-	1
Owned/Being Amortized	3,881	3,808	67	5	-	-	-	1
Rented	50	38	4	8	-	-	-	-
Being Occupied for Free With Consent of Owner	235	230	3	2	-	-	-	-
Being Occupied for Free Without Consent of Owner	1	1	-	-	-	-	-	-
<b>Lamut</b>								
Total	2,694	2,673	13	8	-	-	-	-
Owned/Being Amortized	2,529	2,509	13	7	-	-	-	-
Rented	30	30	-	-	-	-	-	-
Being Occupied for Free With Consent of Owner	135	134	-	1	-	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-
<b>Alfonso Lista (Potia)</b>								
Total	2,864	2,846	15	-	2	1	-	-
Owned/Being Amortized	2,634	2,622	9	-	2	1	-	-
Rented	10	10	-	-	-	-	-	-
Being Occupied for Free With Consent of Owner	220	214	6	-	-	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-
<b>Aguinaldo</b>								
Total	3,486	3,482	2	2	-	-	-	-
Owned/Being Amortized	3,435	3,433	2	-	-	-	-	-
Rented	17	15	-	2	-	-	-	-
Being Occupied for Free With Consent of Owner	34	34	-	-	-	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-
<b>Bansaue</b>								
Total	3,473	3,382	5	69	14	3	-	-
Owned/Being Amortized	2,925	2,892	4	28	1	-	-	-
Rented	131	84	1	33	13	-	-	-
Being Occupied for Free With Consent of Owner	415	404	-	8	-	3	-	-
Being Occupied for Free Without Consent of Owner	2	2	-	-	-	-	-	-
<b>Hingyon</b>								
Total	1,894	1,852	27	15	-	-	-	-
Owned/Being Amortized	1,589	1,559	23	7	-	-	-	-
Rented	12	7	-	5	-	-	-	-
Being Occupied for Free With Consent of Owner	293	286	4	3	-	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-



## IFUGAO

Table 7B. Households by Type of Building, Tenure Status of the Housing Unit and City/Municipality : 1990 - Continued

Tenure Status of the Housing Unit and City/Municipality	Total Households	TYPE OF BUILDING						
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/Industrial/Agricultural	Institutional Living Quarters	Other Housing Unit	Not Reported
<b>Hungduan</b>								
Total	1,493	1,488	5	-	-	-	-	-
Owned/Being Amortized	1,448	1,443	5	-	-	-	-	-
Rented	6	6	-	-	-	-	-	-
Being Occupied for Free With Consent of Owner	39	39	-	-	-	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-
<b>Lagawe</b>								
Total	2,480	2,424	8	27	21	-	-	-
Owned/Being Amortized	2,102	2,075	6	7	14	-	-	-
Rented	154	130	1	19	4	-	-	-
Being Occupied for Free With Consent of Owner	223	218	1	1	3	-	-	-
Being Occupied for Free Without Consent of Owner	1	1	-	-	-	-	-	-
<b>Mayoyao</b>								
Total	3,815	3,802	2	9	-	-	2	-
Owned/Being Amortized	3,695	3,687	2	5	-	-	1	-
Rented	34	30	-	4	-	-	-	-
Being Occupied for Free With Consent of Owner	85	85	-	-	-	-	-	-
Being Occupied for Free Without Consent of Owner	1	-	-	-	-	-	1	-
<b>Tinoc</b>								
Total	1,443	1,420	23	-	-	-	-	-
Owned/Being Amortized	1,423	1,400	23	-	-	-	-	-
Rented	6	6	-	-	-	-	-	-
Being Occupied for Free With Consent of Owner	14	14	-	-	-	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-

## 1990 CENSUS OF POPULATION AND HOUSING

Table B. Owner-Households in Occupied Housing Units by Tenure Status of Lot and City/Municipality, Urban-Rural : 1990

Area Classification and City/Municipality	Total Owner-Households in Occupied Housing Units	TENURE STATUS OF LOT			
		Owned/Being Amortized	Rented	Being Occupied for Free With Consent of Owner	Being Occupied for Free Without Consent of Owner
IFUGAO	25,661	22,835	227	2,419	180
URBAN	2,323	1,923	90	295	15
RURAL	23,338	20,912	137	2,124	165
Kiangan	3,881	3,369	40	471	1
Urban	194	149	2	42	1
Rural	3,687	3,220	38	429	-
Lamut	2,529	1,969	45	498	17
Urban	451	301	25	112	13
Rural	2,078	1,668	20	386	4
Alfonso Lista (Potia)	2,634	2,171	16	442	6
Urban	506	459	-	47	-
Rural	2,128	1,712	16	395	6
Aguinaldo	3,435	3,387	3	44	1
Rural	3,435	3,387	3	44	1
Banaue	2,925	2,612	27	285	1
Urban	320	275	4	41	-
Rural	2,605	2,337	23	244	1
Hingyon	1,589	1,405	14	170	-
Rural	1,589	1,405	14	170	-
Hungduan	1,448	1,245	9	192	2
Rural	1,448	1,245	9	192	2
Lagawe	2,102	1,580	67	303	152
Urban	696	583	59	53	1
Rural	1,406	997	8	250	151
Mayoyao	3,695	3,688	4	3	-
Urban	156	156	-	-	-
Rural	3,539	3,532	4	3	-
Tinoc	1,423	1,409	2	11	1
Rural	1,423	1,409	2	11	1

## IFUGAO

Table 9. Percentage Distribution of Owner-Households in Occupied Housing Units by Mode of Acquisition of the Housing Unit and City/Municipality : 1990  
(Figures are estimates based on a 10% sample)

City/Municipality	Total Owner-Households in Occupied Housing Units	MODE OF ACQUISITION OF THE HOUSING UNIT						Not Reported
		Purchased	Constructed by the Owner/Occupants With or Without Help of Friends/Relatives	Constructed by Hired/Skilled Workers	Constructed by an Organized Contractor	Inherited	Others (Lottery, Gift, etc.)	
IFUGAO	25,661	12.6	60.7	7.7	.3	18.2	.4	-
URBAN	2,323	14.6	49.2	26.7	-	8.8	.8	-
RURAL	23,338	12.4	61.9	5.8	.4	19.2	.3	-
Kiangan	3,881	12.1	67.0	7.9	-	11.9	1.1	-
Lamut	2,529	15.9	51.6	24.4	1.6	5.5	.9	-
Alfonso Lista (Potia)	2,634	25.0	64.1	9.7	.3	.8	-	-
Aguinaldo	3,435	16.8	71.0	3.9	-	8.3	-	-
Banaue	2,925	9.8	49.9	2.5	1.2	36.2	.5	-
Hingyon	1,589	8.6	65.8	14.3	-	11.3	-	-
Hungduan	1,448	15.8	75.9	4.1	-	4.2	-	-
Lagawe	2,102	8.9	66.7	7.7	-	15.9	.8	-
Mayoyao	3,695	5.5	32.6	3.2	-	58.6	-	-
Tinoc	1,423	6.0	92.7	1.3	-	-	-	-

## 1990 CENSUS OF POPULATION AND HOUSING

Table 10. Percentage Distribution of Owner-Households Who Had Purchased/Constructed Their Housing Units by Reported Sources of Financing and City/Municipality : 1990  
(Figures are estimates based on a 10% sample)

City/Municipality	Total Owner-House- holds Who Had Purchased/ Constructed Their Housing Units	R E P O R T E D S O U R C E S O F F I N A N C I N G						
		Own Resources/ Interest-Free Loans From Relatives/ Friends	Government Assistance: PAG-IBIG, GSIS, SSS, DBP, etc.	Private Banks/ Foundations/ Cooperatives	Employer Assistance	Private Persons	Other Sources	Not Reported
IFUGAO	20,882	92.3	1.1	-	.3	3.5	2.1	.7
URBAN	2,102	87.3	1.8	-	-	1.6	8.5	.9
RURAL	18,774	92.9	1.0	-	.3	3.7	1.4	.7
Kiangan	3,376	97.9	-	-	.9	1.2	-	-
Lamut	2,366	78.7	2.8	-	-	3.9	11.7	2.9
Alfonso Lista (Potia)	2,613	97.3	1.5	-	.4	.7	-	-
Aguinaldo	3,150	90.0	.4	-	-	9.7	-	-
Banawe	1,852	94.6	.5	.5	-	2.4	1.5	.5
Hingyon	1,409	85.8	1.5	-	1.3	8.9	.6	2.0
Hungduan	1,387	90.5	.7	-	-	-	8.8	-
Lagawe	1,751	95.5	1.6	-	-	1.1	.5	1.2
Mayoyao	1,530	94.8	1.6	-	-	2.5	-	1.1
Tinoc	1,423	97.1	.6	-	-	2.3	-	-

## IFUGAO

Table 11. Percentage Distribution of Renter-Households in Occupied Housing Units by Monthly Rental of Housing Units and City/Municipality : 1990  
(Figures are estimates based on a 10% sample)

City/Municipality	Total Renter-Households in Occupied Housing Units	MONTHLY RENTAL OF HOUSING UNIT (in Pesos)									1,000 and Over	Not Reported
		Below 50	50 - 99	100 - 149	150 - 199	200 - 299	300 - 499	500 - 699	700 - 999			
IFUGAO	450	26.1	18.5	18.8	11.2	13.4	3.0	7.0	1.8	-	-	
URBAN	317	9.2	26.8	27.2	11.0	13.6	4.4	5.3	2.6	-	-	
RURAL	133	64.4	-	-	11.9	12.9	-	10.9	-	-	-	
Kiangan	50	-	28.8	30.1	16.4	-	-	16.4	11.2	-	-	
Lamut	30	-	-	-	47.6	52.4	-	-	-	-	-	
Alfonso Lista (Potia)	10	100.0	-	-	-	-	-	-	-	-	-	
Aguinaldo	17	100.0	-	-	-	-	-	-	-	-	-	
Banaue	131	25.8	-	22.5	16.9	22.5	-	12.4	-	-	-	
Hingyon	12	-	-	-	-	-	-	-	-	-	-	
Hungduan	6	100.0	-	-	-	-	-	-	-	-	-	
Lagawe	154	13.9	44.4	27.8	-	-	13.9	-	-	-	-	
Mayoyao	34	40.0	22.9	-	-	37.1	-	-	-	-	-	
Tinoc	6	-	-	-	-	-	-	-	-	-	-	

## 1990 CENSUS OF POPULATION AND HOUSING

Table 12. Characteristics of Housing Units which are Vacant, Occasionally Used and Occupied by Households Not Eligible for Enumeration, Urban-Rural: 1990

Characteristics of Housing Unit	TOTAL			URBAN			RURAL		
	Vacant	Occasionally Used	Used by Households Not Eligible for Enumeration	Vacant	Occasionally Used	Used by Households Not Eligible for Enumeration	Vacant	Occasionally Used	Used by Households Not Eligible for Enumeration
<b>IFUGAO</b>									
Total	2,246	51	1	151	22	-	2,095	29	1
Type of Building	2,199	48	1	143	20	-	2,056	28	1
Single House	17	2	-	-	1	-	17	1	-
Duplex	16	1	-	8	1	-	8	-	-
Multi-unit Residential	11	-	-	-	-	-	11	-	-
Commercial/Industrial/Agricultural	3	-	-	-	-	-	3	-	-
Institutional Living Quarters	-	-	-	-	-	-	-	-	-
Other Housing Unit	-	-	-	-	-	-	-	-	-
Not Reported	-	-	-	-	-	-	-	-	-
Construction Materials of the Roof	898	31	-	116	17	-	782	14	-
Galvanized Iron/Aluminum	9	-	-	4	-	-	5	-	-
Tile/Concrete/Clay Tile	23	-	-	-	-	-	23	-	-
Half G.I. and Half Concrete	9	-	-	1	-	-	8	-	-
Wood	1,272	20	1	29	5	-	1,243	15	1
Cogon/Nipa/Anahaw	4	-	-	1	-	-	3	-	-
Makeshift/Salvaged/Improvised	31	-	-	-	-	-	31	-	-
Asbestos/Others	-	-	-	-	-	-	-	-	-
Not Reported	-	-	-	-	-	-	-	-	-
Construction Materials of the Outer Walls	42	4	-	22	1	-	20	3	-
Concrete/Brick/Stone	1,325	14	1	48	4	-	1,277	10	1
Wood	61	7	-	16	5	-	45	2	-
Half Concrete/Brick/Stone & Half Wood	245	5	-	35	5	-	210	-	-
Galvanized Iron/Aluminum	555	21	-	27	7	-	528	14	-
Bamboo/Sawali/Cogon/Nipa	9	-	-	2	-	-	7	-	-
Makeshift/Salvaged/Improvised	9	-	-	1	-	-	8	-	-
Asbestos/Glass/Others	-	-	-	-	-	-	-	-	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-
Year Built	549	19	-	54	4	-	495	15	-
1986-1990	277	7	-	20	4	-	257	3	-
1981-1985	319	8	-	19	5	-	300	3	-
1971-1980	309	2	-	19	-	-	290	2	-
1961-1970	189	4	-	11	2	-	178	2	-
1951-1960	189	-	1	5	-	-	184	-	1
1950 or Earlier	33	1	-	5	1	-	28	-	-
Not Applicable	381	10	-	18	6	-	363	4	-
Don't Know/Not Reported	-	-	-	-	-	-	-	-	-
Condition (State of Repair)	1,861	39	-	101	15	-	1,760	24	-
Needs No Repair/Needs Minor Repair	262	7	1	25	5	-	237	2	1
Needs Major Repair	60	1	-	1	-	-	59	1	-
Dilapidated/Condemned	3	-	-	1	-	-	2	-	-
Under Renovation/Being Repaired	33	1	-	5	1	-	28	-	-
Under Construction	27	3	-	18	1	-	9	2	-
Unfinished Construction	-	-	-	-	-	-	-	-	-
Not Reported	-	-	-	-	-	-	-	-	-
Floor Area of the Housing Unit	929	5	-	19	-	-	910	5	-
less than 10 square meters	857	18	1	30	8	-	827	10	1
10-19 square meters	231	12	-	27	5	-	204	7	-
20-29 square meters	140	9	-	45	9	-	95	-	-
30-49 square meters	35	4	-	11	-	-	24	4	-
50-69 square meters	22	1	-	8	-	-	14	1	-
70-89 square meters	16	-	-	5	-	-	11	-	-
90-119 square meters	14	2	-	5	-	-	9	2	-
120 square meters and over	2	-	-	1	-	-	1	-	-
Not Reported	-	-	-	-	-	-	-	-	-

# **APPENDICES**

**BATAS PAMBANSA BLG.72**

**AN ACT PROVIDING FOR THE TAKING OF AN INTEGRATED CENSUS EVERY TEN YEARS BEGINNING IN THE YEAR NINETEEN HUNDRED AND EIGHTY, AND FOR OTHER PURPOSES.**

Be it enacted by the Batasang Pambansa in session assembled:

**SECTION 1.** A national census of population and other related data shall be taken every decade beginning in 1980, in accordance with plans prepared by the National Census and Statistics Office, without prejudice to the undertaking of special censuses on agriculture, industry, commerce, housing and other sectors as may be approved by the National Economic and Development Authority.

**SECTION 2.** There is hereby created the National Census Coordinating Board to be composed of the Minister of Economic Planning, as Chairman, the Minister of Human Settlements, the Minister of the Budget, the Minister of the Justice, the Minister of National Defense, the Minister of Labor, the Minister of Finance, the Minister of Education and Culture, the Minister of Public Works, the Minister of Transportation and Communications, the Minister of Public Highways, the Minister of Agriculture, the Minister of Natural Resources, the Minister of Public Information, and the Minister of Local Government and Community Development, as members, with the Executive Director of the National Census and Statistics Office as Executive Officer of the Board.

The censuses shall be under the supervision and coordination of the National Census Coordinating Board which shall issue such rules and regulations as may be necessary for the successful undertaking and completion of the censuses provided in this Act.

**SECTION 3.** There shall be established a provincial, city and municipal census board in each province, city and municipality, as the case may be, which shall provide such facilities and assistance as may be required by the National Census Coordinating Board. The boards shall be under the supervision and control of the National Census Coordinating Board.

**SECTION 4.** The Provincial Census Board shall be composed of the Provincial Governor, as Chairman, and the Division Superintendent of Schools, or in the case of provinces with more than one school division, the Division Superintendent designated by the National Census Coordinating Board, as Vice Chairman, the District Highway Engineer, or in the case of provinces which have two or more highway engineering districts, the one that may be designated by the National Census Coordinating Board, the Provincial Commander of the Philippine Constabulary, the Provincial Development



## **APPENDIX A**

Officer, the Provincial Assessor, and the Provincial Agriculturist, as members, with the Provincial Census Officer as the Executive Officer.

The City Census Board shall be composed of the City Mayor, as Chairman, and the City Superintendent of Schools, as Vice Chairman, the City Engineer, the City Development Officer, and the City Assessor, as members, with the City Census Officer as the Executive Officer.

The Municipal Census Board shall be composed of the Municipal Mayor, as Chairman, and the District Supervisor, the Municipal Agriculturist, the Station Commander, the Municipal Treasurer, and the Municipal Development Officer, as members, with the Municipal Census Officer/Census Supervisor as the Executive Officer.

**SECTION 5.** The National Census Coordinating Board and the local census boards may call upon any ministry, bureau, office, agency or instrumentality of the Government for any assistance in the performance of their duties.

**SECTION 6.** The first day of May of every regular census year is hereby designated as the reference date for the census. The collection of data will be by enumeration and the respondent shall be the head or any responsible member of the household.

**SECTION 7.** Public school teachers shall be employed for enumeration work and for such service shall be paid an honorarium as may be determined by the National Census Coordinating Board but in no case not less than two hundred-fifty pesos and shall receive service credits equivalent to the number of days rendered in census work. Other government employees whose services are engaged for census work shall be entitled to such allowances as shall be prescribed by the National Census Coordinating Board payable from census funds. The census herein taken at the barangay level shall be certified to by the corresponding barangay captain.

**SECTION 8.** Before the end of the year 1980 and of every census year thereafter, a count of the population by province, city, municipality and barangay shall be published by the National Census and Statistics Office. The final population count as determined from the processed census returns shall be considered official for all purposes upon proclamation by the President (Prime Minister).

**SECTION 9.** Data gathered pursuant to this Act shall not be used as evidence in any court or public office for or against any person, except in a criminal case for violation of Section 10 of this Act, nor shall such data be divulged to any person except to authorized employees of the National Census and Statistics Office, acting in the performance of

## **APPENDIX A**

their duties; nor shall such data be published except in the form of summaries or statistical tables in which no reference to an individual shall appear. Any person violating any provision of this Section shall be punished by a fine of not more than five hundred pesos or by imprisonment of not more than six months, or both.

**SECTION 10.** Any respondent as provided for in Section 6 who unjustifiably refuses to furnish the information called for in the census questionnaire, or knowingly certifies or gives data or information which shall prove to be materially untrue in any particular, shall be guilty of an offense under this Act and shall, upon conviction, be punished by a fine of not more than five hundred pesos or by imprisonment of not more than three months, or both.

**SECTION 11.** The amount necessary for the holding of censuses shall be charged to the appropriations available for the purpose in the corresponding Appropriations Acts.

**SECTION 12.** This Act shall take effect upon its approval.

Approved, June 11, 1980

(SGD.) FERDINAND E. MARCOS

## **APPENDIX B**

### **LIST OF UNPUBLISHED TABLES - HOUSING**

- Table U1. Occupants by Type of Building, Fuel Used for Lighting, and City/Municipality, Urban-Rural: 1990
- Table U2. Occupants by Type of Building, Main Source of Drinking Water and City/Municipality, Urban-Rural: 1990
- Table U3. Occupants by Type of Building, Kind of Toilet Facility Used and City/Municipality, Urban-Rural: 1990
- Table U4. Households by Type of Building, Fuel Used for Lighting and City/Municipality, Urban-Rural: 1990
- Table U5. Households by Type of Building, Main Source of Drinking Water and City/Municipality, Urban-Rural: 1990
- Table U6. Households by Type of Building, Kind of Toilet Facility Used and City/Municipality, Urban-Rural: 1990
- Table U7. Households by Year Built of Building, Construction Materials of the Roof and Outer Walls and City/Municipality, Urban-Rural: 1990
- Table U8. Households by Ownership of Land and City/Municipality, Urban-Rural: 1990

**LIST OF TABLES IN CPH REPORT NO. 3 - SOCIO-ECONOMIC AND  
DEMOGRAPHIC CHARACTERISTICS**

## Table

- 1 Population Enumerated in Various Censuses, 1903-1990
- 2 Household Population by Single-Year Age Classification and Sex, Urban-Rural: 1990
- 3 Household Population by Age Group, Sex and City/Municipality, Urban-Rural: 1990
- 4 Household Population 10 Years Old and Over by Age Group, Sex, Marital Status and City/Municipality: 1990
- 5 Household Population by Religious Affiliation, Sex and City/Municipality: 1990
- 6 Household Population by Sex and Citizenship: 1990
- 7 Disabled Persons by Age Group, Sex and Type of Disability: 1990
- 8 Literacy of the Household Population 10 Years Old and Over by Age Group, Sex and City/Municipality: 1990
- 9 Household Population 7 Years Old and Over by Highest Educational Attainment, Age Group and by City/Municipality: 1990
- 10 Household Population by Mother Tongue, Sex and City/ Municipality: 1990
- 11 Language or Dialect Generally Spoken in the Households: 1990
- 12 Household Population 5 Years Old and Over by Present Residence, Sex, Place of Residence 5 Years Ago and City/ Municipality: 1990
- 13 Household Population by Relationship to Household Head and Household Size: 1990
- 14 Number of Households by Age Group and Sex of Household Head, Household Size and City/Municipality: 1990
- 15 Household Population 15 Years Old and Over by Occupation (Major and Minor), Urban-Rural: 1990

## **APPENDIX C**

### **LIST OF TABLES IN CPH REPORT NO. 3 - SOCIO-ECONOMIC AND DEMOGRAPHIC CHARACTERISTICS (continued)**

#### **Table**

- 16 Household Population 15 Years Old and Over by Occupation Group (Major), and Age Group and Sex: 1990
- 17 Gainful Workers 15 Years Old and Over by Occupation Group (Major) and Industry Group (Major): 1990
- 18 Household Population 15 Years Old and Over by Employment Status, Age Group and Sex, Urban-Rural: 1990
- 19 Household Population 15 Years Old and Over by Employment Status, Age Group, Sex and City/Municipality: 1990
- 20 Employed Persons 15 Years Old and Over by Occupation Group (Major) and Industry Group (Major) in the Past Week, Urban-Rural: 1990
- 21 Unemployed Persons 15 Years Old and Over by Age Group, Sex and Highest Educational Attainment, Urban-Rural: 1990
- 22 Ever-Married Women 15 to 49 Years Old by Number of Children Ever Born and Age Group, Urban-Rural: 1990
- 23 Ever-Married Women 15 to 49 Years Old by Age Group and Age at First Marriage, Urban-Rural: 1990
- 24 Overseas Workers by Age Group and Highest Educational Attainment: 1990
- 25 Households by Type of Fuel Used for Lighting and City/ Municipality: 1990
- 26 Households by Main Source of Drinking Water and City/ Municipality: 1990
- 27 Households by Kind of Fuel Used for Cooking and City/ Municipality: 1990
- 28 Households by Kind of Toilet Facility Being Used and City/ Municipality: 1990
- 29 Households by Usual Manner of Garbage Disposal and City/ Municipality: 1990
- 30 Households by Presence of Household Conveniences and City/ Municipality: 1990

**LIST OF UNPUBLISHED TABLES - POPULATION**

## Table

- U1 Non-Filipino Residents by Age Group and Sex: 1990
- U2 Disabled Persons by Sex, Type of Disability and City/Municipality: 1990
- U3 Household Population 7 Years Old and Over by Highest Educational Attainment, Sex and by Single-Year Age Classification: 1990
- U4 Household Population 7 Years Old and Over by Highest Educational Attainment, School Attendance During June 1989 to March 1990, Age Group, Sex, Urban - Rural: 1990
- U5 Household Population 7 Years Old and Over by School Attendance During June 1989 to March 1990, Age Group, Sex, and City/Municipality: 1990
- U6 Household Population 15 Years Old and Over with Post Secondary or College Degree by Specific Degree/Title: 1990
- U7 Household Population 5 Years Old and Over by Ability to Speak Filipino by Age Group and City/Municipality: 1990
- U8 Language/Dialect Spoken in Households by City/Municipality: 1990
- U9 Household Population 15 Years Old and Over by Place of Present Residence and By Mother's Usual Place of Residence at Person's Birth: 1990
- U10 Household Population 15 Years Old and Over by Place of Present Residence and Place of Previous Residence: 1990
- U11 Household Population by Duration of Stay in Present Residence, Sex and Municipality: 1990
- U12 Household Population 15 Years Old and Over by Sex, Occupation Group (Major), Highest Educational Attainment: 1990
- U13 Ever-Married Women 15 to 49 Years Old by Number of Children Ever Born, Age Group and City/Municipality: 1990

## **APPENDIX D**

### **LIST OF UNPUBLISHED TABLES - POPULATION** (continued)

#### Table

- U14 Ever-Married Women 15 to 49 Years Old by Age Group, Age at First Marriage and City/Municipality: 1990
- U15 Ever-Married Women 15 to 49 Years Old by Number of Children Ever Born, Highest Educational Attainment and City/Municipality: 1990
- U16 Ever-Married Women 15 to 49 Years Old by Number of Children Living, Age Group and City/Municipality: 1990
- U17 Ever-Married Women 15 to 49 Years Old by Number of Children Born Alive During the Last 12 Months, Number of Children Still Living and Age Group: 1990
- U18 Household Population 5 Years Old and Over by Present Residence, Place of School, Sex and City/Municipality: 1990
- U19 Household Population 15 Years Old and Over by Present Residence, Place of Work, Sex and City/Municipality: 1990

<p><b>CPH FORM 1</b> <b>MAY 1, 1990</b></p> <p>NSCB Approval No. A0477-R191-MS</p> <p>Expires on - December 31, 1990</p>	<p>Republic of the Philippines <b>NATIONAL STATISTICS OFFICE</b> Manila</p> <p><i>1990 Census of Population and Housing</i></p> <p><b>LISTING BOOKLET</b></p>	<p><b>CONFIDENTIALITY:</b></p> <p>This census is authorized by Commonwealth Act No. 591 and B. P. Blg. 12.</p> <p>All information is held strictly <b>CONFIDENTIAL</b></p>
--	---	--

**GEOGRAPHIC IDENTIFICATION**

Province _____			<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			
City/Municipality _____			<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			
Barangay _____			<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 33%;"></td> <td style="width: 33%;"></td> <td style="width: 33%;"></td> </tr> </table>			
Enumeration Area No. ....			<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			
Random Start .....						
No. of Sample Households .....			<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 100%;"></td> </tr> </table>			
Total Listing Pages Used .....						

**PROCESSING RECORD**

	ACTIVITY	DATE		SIGNATURE OF PERSON RESPONSIBLE	REMARKS
		Started	Finished		
<b>EN</b>	Listing and Enumeration				
<b>T</b>	Receipt				
<b>S</b>	Verification of Computation of Sheet Totals				
<b>C</b>	Receipt				
<b>A</b>	Verification of Geographic Identification				
<b>S</b>	Verification of Questionnaires vs. Listing				



# APPENDIX E

DATE OF VISIT	CB Building Serial No.	Building Serial No.	Housing Unit Serial No.	House- hold Serial No.	Institutional Living Quarter Serial No.	NAME of Household Head or NAME/TYPE of Institutional Living Quarter	Address	POPULATION COUNT		REMARKS
								ENCIRCLE ENTRIES IN COLUMNS 9 AND 10 FOR INSTITUTIONAL LIVING QUARTER		
								Male	Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	<b>TOTAL</b>							<b>TOTAL</b>		
	<b>VACANT</b>								<b>INSTITUTIONAL LIVING QUARTER</b>	

PAGE TOTAL

No. 1

**APPENDIX E**

city/municipality \_\_\_\_\_

Barangay \_\_\_\_\_

SA No. \_\_\_\_\_

DATE OF VISIT	CB Build- ing Serial No.	Build- ing Serial No.	Hous- ing Unit Serial No.	House- hold Serial No.	Institu- tional Living Quarter Serial No.	NAME of Household Head or NAME/TYPE of Institutional Living Quarter  <i>IF VACANT HOUSING UNIT, WRITE VHU; IF VACANT BUILDING, WRITE VBLDG.</i>	Address  <i>ENTER HOUSE NO. AND STREET NAME OR NAME OF SITTO</i>		POPULATION COUNT		REMARKS
									ENCIRCLE ENTRIES IN COLUMNS 9 AND 10 FOR INSTITUTIONAL LIVING QUARTER		
									Male	Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	

TOTAL  
VACANT


TOTAL  
INSTITUTIONAL LIVING QUARTER


PAGE TOTAL

--

No.  
2

**APPENDIX E**

**ENUMERATOR'S DAILY ACCOMPLISHMENT AND  
QUESTIONNAIRE TRANSMITTAL RECORD**

DATE (May)	NUMBER OF HOUSEHOLDS ENUMERATED		REMARKS	NO. OF QUESTIONNAIRES						TS SIGNATURE AND REMARKS
	Daily	Cumulative Total		SUBMITTED TO TEAM SUPERVISOR			RETURNED BY TEAM SUPERVISOR			
				FORM 2	FORM 3	FORM 4	FORM 2	FORM 3	FORM 4	
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
<b>NOTES:</b>										

<p><b>CPH FORM 2</b> <b>MAY 1, 1990</b></p> <p>NSCB Approval No. A0477-R192-MS</p> <p>Expires on - December 31, 1990</p>	<p>Republic of the Philippines <b>NATIONAL STATISTICS OFFICE</b> Manila</p> <p><b>1990 Census</b> <i>of</i> <b>Population and Housing</b></p> <p><b>COMMON HOUSEHOLD QUESTIONNAIRE</b></p>	<p><b>CONFIDENTIALITY:</b></p> <p>This census is authorized by Commonwealth Act No. 591 and B. P. Blg. 72.</p> <p>All information is held strictly <b>CONFIDENTIAL</b>.</p>			
<p><b>GEOGRAPHIC IDENTIFICATION</b></p>					
<p>Booklet ____ of ____ booklets</p>					
Province	_____	<table border="1" style="display: inline-table; width: 40px; height: 20px;"><tr><td> </td><td> </td></tr></table>			
City/Municipality	_____	<table border="1" style="display: inline-table; width: 40px; height: 20px;"><tr><td> </td><td> </td></tr></table>			
Barangay	_____	<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td></tr></table>			
Enumeration Area No. ....		<table border="1" style="display: inline-table; width: 40px; height: 20px;"><tr><td> </td><td> </td></tr></table>			
CB Building Serial No. ....		<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td></tr></table>			
Building Serial No. ....		<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td></tr></table>			
Housing Unit Serial No. ....		<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td></tr></table>			
Household Serial No. ....		<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td></tr></table>			
Line Number of Respondent .....		<table border="1" style="display: inline-table; width: 40px; height: 20px;"><tr><td> </td><td> </td></tr></table>			
Name of Household Head	_____				
Address	_____				
	(House No. and Street Name or Name of Sitio)				
<p><b>CERTIFICATION</b></p> <p><i>I hereby certify that the data set forth were obtained/reviewed by me personally and in accordance with the instructions.</i></p>					
_____	_____				
Signature Over Printed Name of Enumerator	Date Accomplished				
_____	_____				
Signature Over Printed Name of Team Supervisor	Date Reviewed				

# APPENDIX F

LINE NUMBER		NAME		POPULATION																															
				ALL																															
				Relationship to HH Head	Age		Sex	Marital Status	Religious Affiliation																										
<p><i>Who is the head of this household? Who are the persons usually residing here as of May 1, 1990?</i></p> <p>LIST IN THIS ORDER (FAMILY NAME FIRST)</p> <p>Head Spouse of the head Never-married children of head/spouse (oldest to youngest) Ever-married children of head/spouse and their families (oldest to youngest) Other relatives of head Non-relatives of head</p> <p>(BE SURE TO INCLUDE BABIES AND ELDERLY PERSONS AND MEMBERS OF HOUSEHOLDS TEMPORARILY AWAY ON VACATION, ON BUSINESS, IN THE HOSPITAL, ETC.)</p> <p>ENCIRCLE LINE NO. OF RESPONDENT</p>		<p>ENTER</p> <p>1 IF OVERSEAS WORKER</p> <p>2 IF OTHERWISE</p>	<p><i>What is _____'s relationship to the household head?</i></p> <p>ENTER APPROPRIATE CODE LISTED BELOW.</p>	<p><i>Date of Birth</i></p> <p>ENTER MONTH AND YEAR.</p>	<p><i>What is _____'s age as of his/her last birthday?</i></p> <p>IF AGE IS LESS THAN ONE YEAR, ENTER "00"</p>	<p>1 M A L E</p> <p>2 F E M A L E</p> <p>EN-CIRCLE CODE</p>	<p><i>What is _____'s marital status?</i></p> <p>ENTER CODE</p> <p>1 Single 2 Married 3 Widowed 4 Divorced/ Separated 5 Others 6 Unknown</p> <p>FOR PERSONS BELOW 10 YEARS OLD ENTER "1"</p>	<p><i>What is _____'s religious affiliation?</i></p> <p>ENTER APPROPRIATE CODE LISTED BELOW.</p> <p>IF OTHERS, SPECIFY.</p>																											
			(P1)	(P2)	(P3)	(P4)	(P5)	(P6)	(P7)	(P8)																									
01			01	Mo. _____ Yr. _____		1 M 2 F																													
02				Mo. _____ Yr. _____		1 M 2 F																													
03				Mo. _____ Yr. _____		1 M 2 F																													
04				Mo. _____ Yr. _____		1 M 2 F																													
05				Mo. _____ Yr. _____		1 M 2 F																													
06				Mo. _____ Yr. _____		1 M 2 F																													
07				Mo. _____ Yr. _____		1 M 2 F																													
08				Mo. _____ Yr. _____		1 M 2 F																													
<p>ARE THERE MORE THAN 8 MEMBERS IN THIS HOUSEHOLD?</p> <p>1 Yes, USE ANOTHER BOOKLET</p> <p>2 No</p>		<p><i>Codes for P3, Relationship to Household Head</i></p> <table style="width:100%;"> <tr> <td>01 Head</td> <td>11 Father</td> </tr> <tr> <td>02 Spouse</td> <td>12 Mother</td> </tr> <tr> <td>03 Son</td> <td>13 Brother</td> </tr> <tr> <td>04 Daughter</td> <td>14 Sister</td> </tr> <tr> <td>05 Stepson</td> <td>15 Uncle</td> </tr> <tr> <td>06 Stepdaughter</td> <td>16 Aunt</td> </tr> <tr> <td>07 Son-in-law</td> <td>17 Nephew</td> </tr> <tr> <td>08 Daughter-in-law</td> <td>18 Niece</td> </tr> <tr> <td>09 Grandson</td> <td>19 Other Relative</td> </tr> <tr> <td>10 Granddaughter</td> <td>00 Non-relative</td> </tr> </table>				01 Head	11 Father	02 Spouse	12 Mother	03 Son	13 Brother	04 Daughter	14 Sister	05 Stepson	15 Uncle	06 Stepdaughter	16 Aunt	07 Son-in-law	17 Nephew	08 Daughter-in-law	18 Niece	09 Grandson	19 Other Relative	10 Granddaughter	00 Non-relative	<p><i>Codes for P8, Religious Affiliation</i></p> <table style="width:100%;"> <tr> <td>00 None</td> </tr> <tr> <td>01 Roman Catholic</td> </tr> <tr> <td>02 Aglipay</td> </tr> <tr> <td>03 Islam</td> </tr> <tr> <td>04 Iglesia ni Cristo</td> </tr> <tr> <td>05 United Churches of Christ in the Phil.</td> </tr> <tr> <td>Others, specify</td> </tr> </table>			00 None	01 Roman Catholic	02 Aglipay	03 Islam	04 Iglesia ni Cristo	05 United Churches of Christ in the Phil.	Others, specify
01 Head	11 Father																																		
02 Spouse	12 Mother																																		
03 Son	13 Brother																																		
04 Daughter	14 Sister																																		
05 Stepson	15 Uncle																																		
06 Stepdaughter	16 Aunt																																		
07 Son-in-law	17 Nephew																																		
08 Daughter-in-law	18 Niece																																		
09 Grandson	19 Other Relative																																		
10 Granddaughter	00 Non-relative																																		
00 None																																			
01 Roman Catholic																																			
02 Aglipay																																			
03 Islam																																			
04 Iglesia ni Cristo																																			
05 United Churches of Christ in the Phil.																																			
Others, specify																																			

CENSUS QUESTIONS							
PERSONS				5 YEARS OLD AND OVER			
Citizenship		Disability		Residence 5 Years Ago	Literacy	Highest Educational Attainment	
<i>Is ___ a citizen of the Phil.?</i>  <b>ENCIRCLE CODE</b>  1 Yes, SKIP TO P11.  2 No	<i>What country is ___ a citizen of?</i>  <b>ENTER APPROPRIATE CODE LISTED BELOW.</b>  IF OTHERS, SPECIFY.	<i>Does ___ have any physical or mental disability?</i>  <b>ENCIRCLE CODE</b>  1 Yes  2 No, SKIP TO P17.	<i>What type of disability does ___ have?</i>  <b>ENTER APPROPRIATE CODE LISTED BELOW.</b>  IF OTHERS, SPECIFY.	<i>In what city/municipality and province did ___ reside on May 1, 1985?</i>  7 Foreign Country 8 Same City/Municipality 9 Unknown  IF ANOTHER CITY/MUNICIPALITY, SPECIFY THE CITY/MUN. AND PROVINCE.	<i>Can ___ read &amp; write a simple message in any language or dialect?</i>  <b>ENCIRCLE CODE</b>  1 Yes  2 No	<i>What is the highest grade/year completed by ___?</i>  <b>ENTER APPROPRIATE CODE LISTED BELOW.</b>  IF GRADUATE OF POST-SECONDARY OR COLLEGE COURSE, SPECIFY FIELD OF STUDY.	
(P9)	(P10)	(P11)	(P12)	(P17)	(P19)	(P22)	
1 Y		1 Y			1 Y		01
2 N		2 N			2 N		
1 Y		1 Y			1 Y		02
2 N		2 N			2 N		
1 Y		1 Y			1 Y		03
2 N		2 N			2 N		
1 Y		1 Y			1 Y		04
2 N		2 N			2 N		
1 Y		1 Y			1 Y		05
2 N		2 N			2 N		
1 Y		1 Y			1 Y		06
2 N		2 N			2 N		
1 Y		1 Y			1 Y		07
2 N		2 N			2 N		
1 Y		1 Y			1 Y		08
2 N		2 N			2 N		

Codes for P10, Country of Citizenship	Codes for P12, Disability	Codes for P22, Highest Educational Attainment		
01 People's Republic of China	1 Blindness	0000 No Grade Completed		
02 U. S. A.	2 Deafness	0100 Pre-school		
03 Indonesia	3 Muteness	<b>ELEMENTARY</b>	<b>HIGH SCHOOL</b>	<b>COLLEGE</b>
04 India	4 Deafness/Muteness	1100 Grade 1	2100 1st Year	3100 1st Year
05 Japan	5 Speech Impairment	1200 Grade 2	2200 2nd Year	3200 2nd Year
06 Iran	6 Mental Illness	1300 Grade 3	2300 3rd Year	3300 3rd Year
07 Australia	7 Mental Retardation	1400 Grade 4	2400 4th Year	3400 4th Year
08 United Kingdom	8 Orthopedic Handicap	1500 Grade 5	3000 Undergraduate	Post-Secondary
Others, specify	9 Multiple Disability	1600 Grade 6 or 7		3500 5th Year
	0 Others, specify			

# APPENDIX F

<b>HOUSING CENSUS QUESTIONS</b>																																					
<p><b>B1 TO B4 ARE TO BE ANSWERED BY MERE OBSERVATION. IF DOUBTFUL, ASK THE RESPONDENT.</b></p>	<p><b>D1 IS TO BE ASKED FROM ANY HOUSEHOLD IN THIS HOUSING UNIT.</b></p>																																				
<p><b>B1 TYPE OF BUILDING/HOUSE</b></p> <p>1 Single house 2 Duplex 3 Multi-unit residential (3 units or more) 4 Commercial/Industrial/Agricultural (office, factory, etc.) 5 Institutional living quarters (hotel, hospital, etc.) 6 Other housing unit (boat, cave, etc.)</p> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	<p><b>D1 FLOOR AREA OF THIS HOUSING UNIT</b></p> <p style="text-align: center;"><i>What is the estimated floor area of this housing unit ?</i></p> <p style="text-align: center;">SQUARE METERS    SQUARE FEET</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">01</td><td style="width: 45%;">less than 10</td><td style="width: 50%;">less than 108</td></tr> <tr><td>02</td><td>10 - 19</td><td>108 - 209</td></tr> <tr><td>03</td><td>20 - 29</td><td>210 - 317</td></tr> <tr><td>04</td><td>30 - 49</td><td>318 - 532</td></tr> <tr><td>05</td><td>50 - 69</td><td>533 - 748</td></tr> <tr><td>06</td><td>70 - 89</td><td>749 - 963</td></tr> <tr><td>07</td><td>90 - 119</td><td>964 - 1286</td></tr> <tr><td>08</td><td>120 - 149</td><td>1287 - 1609</td></tr> <tr><td>09</td><td>150 - 199</td><td>1610 - 2147</td></tr> <tr><td>10</td><td>200 and over</td><td>2148 and over</td></tr> </table> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	01	less than 10	less than 108	02	10 - 19	108 - 209	03	20 - 29	210 - 317	04	30 - 49	318 - 532	05	50 - 69	533 - 748	06	70 - 89	749 - 963	07	90 - 119	964 - 1286	08	120 - 149	1287 - 1609	09	150 - 199	1610 - 2147	10	200 and over	2148 and over						
01	less than 10	less than 108																																			
02	10 - 19	108 - 209																																			
03	20 - 29	210 - 317																																			
04	30 - 49	318 - 532																																			
05	50 - 69	533 - 748																																			
06	70 - 89	749 - 963																																			
07	90 - 119	964 - 1286																																			
08	120 - 149	1287 - 1609																																			
09	150 - 199	1610 - 2147																																			
10	200 and over	2148 and over																																			
<p><b>B2 CONSTRUCTION MATERIAL OF THE ROOF</b></p> <p>1 Galvanized iron/Aluminum 2 Tile/Concrete/Clay tile 3 Half galvanized iron and half concrete 4 Wood 5 Cogon/Nipa/Anahaw 6 Asbestos 7 Makeshift/Salvaged/Improvised materials 8 Others, specify _____</p> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	<p style="text-align: center;"><b>H4, H7, H11 AND H12 ARE TO BE ANSWERED BY ALL HOUSEHOLDS.</b></p>																																				
<p><b>B3 CONSTRUCTION MATERIAL OF THE OUTER WALLS</b></p> <p>01 Concrete/Brick/Stone 02 Wood 03 Half concrete/brick/stone and half wood 04 Galvanized iron/Aluminum 05 Bamboo/Sawali/Cogon/Nipa 06 Asbestos 07 Glass 08 Makeshift/Salvaged/Improvised materials 09 Others, specify _____ 10 No walls</p> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	<p><b>H4 TENURE STATUS OF THE HOUSING UNIT</b></p> <p style="text-align: center;"><i>What is the tenure status of this housing unit ?</i></p> <p>1 Owned/being amortized 2 Rented _____ 3 Being occupied for free with consent of owner _____ 4 Being occupied for free without consent of owner _____</p> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block; margin-left: 20px;">         ENTER CODE... GO TO H11     </div> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>																																				
<p><b>B4 STATE OF REPAIR</b></p> <p style="text-align: center;"><i>Determine the current condition of the building/house.</i></p> <p>1 Needs no repair/needs minor repair 2 Needs major repair 3 Dilapidated/condemned 4 Under renovation/being repaired 5 Under construction 6 Unfinished construction</p> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	<p><b>H7 TENURE STATUS OF THE LOT</b></p> <p style="text-align: center;"><i>What is the tenure status of the lot ?</i></p> <p>1 Owned/being amortized 2 Rented 3 Being occupied for free with consent of owner 4 Being occupied for free without consent of owner</p> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>																																				
<p><b>B5 IS TO BE ASKED FROM ANY HOUSEHOLD IN THE BUILDING/HOUSE.</b></p>	<p><b>H11 PRESENCE OF HOUSEHOLD CONVENIENCES</b></p> <p style="text-align: center;"><i>Does this household have the following household conveniences in working condition?</i></p> <p style="text-align: right;">ENTER CODE</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">A. Radio/Radio cassette</td> <td style="width: 10%;">1 Yes</td> <td style="width: 10%;">2 No</td> <td style="width: 20%;"><input style="width: 40px;" type="text"/></td> </tr> <tr> <td>B. Television</td> <td>1 Yes</td> <td>2 No</td> <td><input style="width: 40px;" type="text"/></td> </tr> <tr> <td>C. Refrigerator/Freezer</td> <td>1 Yes</td> <td>2 No</td> <td><input style="width: 40px;" type="text"/></td> </tr> <tr> <td>D. Telephone</td> <td>1 Yes</td> <td>2 No</td> <td><input style="width: 40px;" type="text"/></td> </tr> <tr> <td>E. Motor vehicle</td> <td>1 Yes</td> <td>2 No</td> <td><input style="width: 40px;" type="text"/></td> </tr> </table>	A. Radio/Radio cassette	1 Yes	2 No	<input style="width: 40px;" type="text"/>	B. Television	1 Yes	2 No	<input style="width: 40px;" type="text"/>	C. Refrigerator/Freezer	1 Yes	2 No	<input style="width: 40px;" type="text"/>	D. Telephone	1 Yes	2 No	<input style="width: 40px;" type="text"/>	E. Motor vehicle	1 Yes	2 No	<input style="width: 40px;" type="text"/>																
A. Radio/Radio cassette	1 Yes	2 No	<input style="width: 40px;" type="text"/>																																		
B. Television	1 Yes	2 No	<input style="width: 40px;" type="text"/>																																		
C. Refrigerator/Freezer	1 Yes	2 No	<input style="width: 40px;" type="text"/>																																		
D. Telephone	1 Yes	2 No	<input style="width: 40px;" type="text"/>																																		
E. Motor vehicle	1 Yes	2 No	<input style="width: 40px;" type="text"/>																																		
<p><b>B5 YEAR BUILDING/HOUSE WAS BUILT</b></p> <p style="text-align: center;"><i>When was this building/house built?</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">01</td><td style="width: 20%;">1990</td><td style="width: 5%;">07</td><td style="width: 20%;">1971 - 1980</td></tr> <tr><td>02</td><td>1989</td><td>08</td><td>1961 - 1970</td></tr> <tr><td>03</td><td>1988</td><td>09</td><td>1951 - 1960</td></tr> <tr><td>04</td><td>1987</td><td>10</td><td>1950 or earlier</td></tr> <tr><td>05</td><td>1986</td><td>98</td><td>Not applicable</td></tr> <tr><td>06</td><td>1981 - 1985</td><td>99</td><td>Don't know</td></tr> </table> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	01	1990	07	1971 - 1980	02	1989	08	1961 - 1970	03	1988	09	1951 - 1960	04	1987	10	1950 or earlier	05	1986	98	Not applicable	06	1981 - 1985	99	Don't know	<p><b>H12 LAND OWNERSHIP</b></p> <p style="text-align: center;"><i>Does any member of this household own the following?</i></p> <p style="text-align: right;">ENTER CODE</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">A. Other residential land(s)</td> <td style="width: 10%;">1 Yes</td> <td style="width: 10%;">2 No</td> <td style="width: 20%;"><input style="width: 40px;" type="text"/></td> </tr> <tr> <td>B. Agricultural land(s)</td> <td>1 Yes</td> <td>2 No</td> <td><input style="width: 40px;" type="text"/></td> </tr> <tr> <td>C. Other land(s)</td> <td>1 Yes</td> <td>2 No</td> <td><input style="width: 40px;" type="text"/></td> </tr> </table>	A. Other residential land(s)	1 Yes	2 No	<input style="width: 40px;" type="text"/>	B. Agricultural land(s)	1 Yes	2 No	<input style="width: 40px;" type="text"/>	C. Other land(s)	1 Yes	2 No	<input style="width: 40px;" type="text"/>
01	1990	07	1971 - 1980																																		
02	1989	08	1961 - 1970																																		
03	1988	09	1951 - 1960																																		
04	1987	10	1950 or earlier																																		
05	1986	98	Not applicable																																		
06	1981 - 1985	99	Don't know																																		
A. Other residential land(s)	1 Yes	2 No	<input style="width: 40px;" type="text"/>																																		
B. Agricultural land(s)	1 Yes	2 No	<input style="width: 40px;" type="text"/>																																		
C. Other land(s)	1 Yes	2 No	<input style="width: 40px;" type="text"/>																																		

<p><b>CPH FORM 3</b> <b>MAY 1, 1990</b></p> <p>NSCB Approval No. A0477-R193-MS</p> <p>Expires on - December 31, 1990</p>	<p>Republic of the Philippines <b>NATIONAL STATISTICS OFFICE</b> Manila</p> <p><b>1990 Census</b> <i>of</i> <b>Population and Housing</b></p> <p><b>SAMPLE HOUSEHOLD QUESTIONNAIRE</b></p>	<p><b>CONFIDENTIALITY:</b></p> <p>This census is authorized by Commonwealth Act No. 591 and B. P. Blg. 72.</p> <p>All information is held strictly <b>CONFIDENTIAL</b>.</p>
<p><b>GEOGRAPHIC IDENTIFICATION</b></p>		
<p>Booklet _____ of _____ booklets</p>		
Province		<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
City/Municipality		<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
Barangay		<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
Enumeration Area No. ....		<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
CB Building Serial No. ....		<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
Building Serial No. ....		<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
Housing Unit Serial No. ....		<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
Household Serial No. ....		<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
Line Number of Respondent .....		<input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 15px; border: 1px solid black;" type="text"/>
Name of Household Head		
Address		
	(House No. and Street Name or Name of Sitio)	
<p><b>CERTIFICATION</b></p> <p><i>I hereby certify that the data set forth were obtained/reviewed by me personally and in accordance with the instructions.</i></p>		
<p>_____ Signature Over Printed Name of Enumerator</p>	<p>_____ Date Accomplished</p>	
<p>_____ Signature Over Printed Name of Team Supervisor</p>	<p>_____ Date Reviewed</p>	



# APPENDIX G

LINE NUMBER	NAME		POPULATION					
			ALL					
			Relationship to HH Head	Age		Sex	Marital Status	Religious Affiliation
	<p><i>Who is the head of this household? Who are the persons usually residing here as of May 1, 1990?</i></p> <p>LIST IN THIS ORDER (FAMILY NAME FIRST)</p> <p>Head Spouse of the head Never-married children of head/spouse (oldest to youngest) Ever-married children of head/spouse and their families (oldest to youngest) Other relatives of head Non-relatives of head</p> <p>(BE SURE TO INCLUDE BABIES AND ELDERLY PERSONS AND MEMBERS OF HOUSEHOLDS TEMPORARILY AWAY ON VACATION, ON BUSINESS, IN THE HOSPITAL, ETC.)</p> <p>ENCIRCLE LINE NO. OF RESPONDENT</p>	<p>ENTER</p> <p>1 IF OVERSEAS WORKER</p> <p>2 IF OTHERWISE</p>	<p><i>What is _____'s relationship to the household head?</i></p> <p>ENTER APPROPRIATE CODE LISTED BELOW.</p>	<p><i>Date of Birth</i></p> <p>ENTER MONTH AND YEAR.</p>	<p><i>What is _____'s age as of his/her last birthday?</i></p> <p>IF AGE IS LESS THAN ONE YEAR, ENTER "00".</p>	<p>1 M A L E</p> <p>2 F E M A L E</p> <p>EN-CIRCLE CODE</p>	<p><i>What is _____'s marital status?</i></p> <p>ENTER CODE</p> <p>1 Single 2 Married 3 Widowed 4 Divorced/Separated 5 Others 6 Unknown</p> <p>FOR PERSONS BELOW 10 YEARS OLD ENTER "1".</p>	<p><i>What is _____'s religious affiliation?</i></p> <p>ENTER APPROPRIATE CODE LISTED BELOW.</p> <p>IF OTHERS, SPECIFY.</p>
	(P1)	(P2)	(P3)	(P4)	(P5)	(P6)	(P7)	(P8)
01			01	Mo. _____ Yr. _____		1 M 2 F		
02				Mo. _____ Yr. _____		1 M 2 F		
03				Mo. _____ Yr. _____		1 M 2 F		
04				Mo. _____ Yr. _____		1 M 2 F		
05				Mo. _____ Yr. _____		1 M 2 F		
06				Mo. _____ Yr. _____		1 M 2 F		
07				Mo. _____ Yr. _____		1 M 2 F		
08				Mo. _____ Yr. _____		1 M 2 F		

ARE THERE MORE THAN 8 MEMBERS IN THIS HOUSEHOLD?  1 Yes, USE ANOTHER BOOKLET  2 No	<b>Codes for P3, Relationship to Household Head</b>		<b>Codes for P8, Religious Affiliation</b>	
	01 Head 02 Spouse 03 Son 04 Daughter 05 Stepson 06 Stepdaughter 07 Son-in-law 08 Daughter-in-law 09 Grandson 10 Granddaughter	11 Father 12 Mother 13 Brother 14 Sister 15 Uncle 16 Aunt 17 Nephew 18 Niece 19 Other Relative 00 Non-relative	00 None 01 Roman Catholic 02 Aglipay 03 Islam 04 Iglesia ni Cristo 05 United Churches of Christ in the P. I. Others, specify	

CENSUS QUESTIONS								LINE NUMBER
PERSONS					5 YEARS OLD AND OVER			
Citizenship		Disability		Mother Tongue	Mother's Usual Residence	Previous Residence		
Is _____ a citizen of the Phil.?	What country is a citizen of?	Does _____ have any physical or mental disability?	What type of disability does _____ have?	What was _____'s dialect/ language spoken at earliest childhood?	Where was _____'s mother's usual residence at the time of his/ her birth?	In what city/ municipality did _____ live before moving to this place?	When did _____ move to this city/ municipality?	
ENCIRCLE CODE	ENTER APPROPRIATE CODE LISTED BELOW.	ENCIRCLE CODE	ENTER APPROPRIATE CODE LISTED BELOW.	ENTER APPROPRIATE CODE LISTED BELOW	7 Foreign country 8 Same city/municipality 9 Unknown		ENTER "0" IF SINCE BIRTH.	
1 Yes, SKIP TO P11.	IF OTHERS, SPECIFY.	1 Yes	IF OTHERS, SPECIFY.	IF OTHERS, SPECIFY.	IF ANOTHER CITY/MUN., SPECIFY CITY/ MUNICIPALITY AND PROVINCE.		OTHERWISE, ENTER MONTH AND YEAR.	
2 No		2 No, SKIP TO P13.						
(P9)	(P10)	(P11)	(P12)	(P13)	(P14)	(P15)	(P16)	
1 Y	<input type="checkbox"/>	1 Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mo. _____	01
2 N		2 N					Yr. _____	
1 Y	<input type="checkbox"/>	1 Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mo. _____	02
2 N		2 N					Yr. _____	
1 Y	<input type="checkbox"/>	1 Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mo. _____	03
2 N		2 N					Yr. _____	
1 Y	<input type="checkbox"/>	1 Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mo. _____	04
2 N		2 N					Yr. _____	
1 Y	<input type="checkbox"/>	1 Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mo. _____	05
2 N		2 N					Yr. _____	
1 Y	<input type="checkbox"/>	1 Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mo. _____	06
2 N		2 N					Yr. _____	
1 Y	<input type="checkbox"/>	1 Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mo. _____	07
2 N		2 N					Yr. _____	
1 Y	<input type="checkbox"/>	1 Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mo. _____	08
2 N		2 N					Yr. _____	

Codes for P10, Country of Citizenship	Codes for P12, Disability	Codes for P13, Mother Tongue
01 People's Republic of China	1 Blindness	01 Tagalog
02 U.S.A.	2 Deafness	02 Cebuano
03 Indonesia	3 Muteness	03 Hiligaynon
04 India	4 Deafness/Muteness	04 Ilocano
05 Japan	5 Speech Impairment	05 Ibanag
06 Iran	6 Mental Illness	06 Pampango
07 Australia	7 Mental Retardation	07 Pangasinan
08 United Kingdom	8 Orthopedic Handicap	08 Waray
Others, specify	9 Multiple Disability	09 Bicol
	0 Others, specify	10 Maguindanao
		11 Maranao
		Others, specify

# APPENDIX G

		POPULATION							
		5 YEARS OLD AND OVER				10 YEARS			
LINE NUMBER	Residence 5 Years Ago	Language	Literacy	School Attendance	Place of School	Highest Educational Attainment	Usual Activity/Occupation	Kind of Business	
	<i>In what city/municipality did _____ reside on May 1, 1985?</i>	<i>Is _____ able to speak Tagalog/Filipino?</i>	<i>Can _____ read &amp; write a simple message in any language or dialect?</i>	<i>Did _____ attend school at anytime from June 1989 to March 1990?</i>	<i>In what city/municipality did _____ attend school?</i>	<i>What is the highest grade/year completed by _____?</i>	<i>What was _____'s usual activity/occupation during the past twelve months?</i>	<i>In what kind of business or industry did _____ work during the past twelve months?</i>	
	7 Foreign Country 8 Same City/Municipality 9 Unknown	ENCIRCLE CODE	ENCIRCLE CODE	ENCIRCLE CODE	7 Foreign Country 8 Same City/Municipality 9 Unknown	IF GRADUATE OF POST-SECONDARY OR COLLEGE COURSE, SPECIFY FIELD OF STUDY.	DESCRIBE OCCUPATION AS FULLY AS POSSIBLE.  Examples: Palay Farmer Filing Clerk Fruit Vendor Student, etc.  IF HOUSEWIFE, STUDENT, OR RETIREE, SKIP TO P25.	DESCRIBE INDUSTRY AS FULLY AS POSSIBLE.  Example: Palay Farming Textile Manufacturing Fruit Retailing	
	IF ANOTHER CITY/MUN., SPECIFY CITY/MUN. AND PROVINCE.	1 Yes 2 No	1 Yes 2 No	1 Yes 2 No SKP TO P22	IF ANOTHER CITY/MUN., SPECIFY CITY/MUN. AND PROVINCE.				
	(P17)	(P18)	(P19)	(P20)	(P21)	(P22)	(P23)	(P24)	
01		1 Y 2 N	1 Y 2 N	1 Y 2 N					
02		1 Y 2 N	1 Y 2 N	1 Y 2 N					
03		1 Y 2 N	1 Y 2 N	1 Y 2 N					
04		1 Y 2 N	1 Y 2 N	1 Y 2 N					
05		1 Y 2 N	1 Y 2 N	1 Y 2 N					
06		1 Y 2 N	1 Y 2 N	1 Y 2 N					
07		1 Y 2 N	1 Y 2 N	1 Y 2 N					
08		1 Y 2 N	1 Y 2 N	1 Y 2 N					

*Codes for P22, Highest Educational Attainment*

0000 No Grade Completed		
0100 Pre-school		
<b>Elementary</b>	<b>High School</b>	<b>College</b>
1100 Grade 1	2100 1st Year	3100 1st Year
1200 Grade 2	2200 2nd Year	3200 2nd Year
1300 Grade 3	2300 3rd Year	3300 3rd Year
1400 Grade 4	2400 4th Year	3400 4th Year
1500 Grade 5	3000 Undergraduate Post-Secondary	3500 5th Year
1600 Grade 6 or 7		

# CENSUS QUESTIONS

OLD AND YOUNG							FOR FEMALES 15-49 YEARS				LINE NUMBER									
Employment Status	Occupation in Past Week	Industry in Past Week	Place of Work	Availability for Work	Looking for Work	Reason for not Looking for Work	Fertility													
<i>Did you have a job or business during the past seven days?</i>	<i>What was your activity/occupation during the past seven days?</i>	<i>In what kind of business or industry did you work during the past seven days?</i>	<i>In what city/municipality did you work during the past seven days?</i> 7 Foreign Country 8 Same City/Municipality 9 Unknown	<i>Was it available for work during the past seven days?</i>	<i>Did you look for work during the past seven days?</i>	<i>Why did you not look for work?</i>  ENTER APPROPRIATE CODE LISTED BELOW.  IF OTHERS, SPECIFY.	<i>How many children have been born alive to you?</i>	<i>How many are still living?</i>	<i>How many children were born alive to you from May 1, 1989 to April 30, 1990?</i>	<i>What was your age at first marriage?</i>										
EN-CIRCLE CODE 1 Yes 2 No, SKIP TO P28.	DESCRIBE OCCUPATION AS FULLY AS POSSIBLE.	DESCRIBE INDUSTRY AS FULLY AS POSSIBLE.	IF ANOTHER CITY/MUN., SPECIFY CITY/MUN. AND PROVINCE.  SKIP TO P32.	EN-CIRCLE CODE 1 Yes 2 No, SKIP TO P32.	EN-CIRCLE CODE 1 Yes, SKIP TO P32 2 No		IF NONE, ENTER '00'.	IF NONE, ENTER '00'.	ENTER ACTUAL NUMBER.	ENTER AGE.										
(P25)	(P26)	(P27)	(P28)	(P29)	(P30)	(P31)	(P32)	(P33)	(P34)	(P35)										
1 Y				1 Y	1 Y						01									
2 N				2 N	2 N															
1 Y				1 Y	1 Y						02									
2 N				2 N	2 N															
1 Y				1 Y	1 Y						03									
2 N				2 N	2 N															
1 Y				1 Y	1 Y						04									
2 N				2 N	2 N															
1 Y				1 Y	1 Y						05									
2 N				2 N	2 N															
1 Y				1 Y	1 Y						06									
2 N				2 N	2 N															
1 Y				1 Y	1 Y						07									
2 N				2 N	2 N															
1 Y				1 Y	1 Y						08									
2 N				2 N	2 N															
<p><i>Codes for P31, Reason for not Looking for Work</i></p> <table style="width: 100%;"> <tr> <td>1 Believe no work available</td> <td>6 Too young, too old or retired,</td> </tr> <tr> <td>2 Awaiting results of previous job application</td> <td>7 Housekeeping</td> </tr> <tr> <td>3 Temporary illness/disability</td> <td>8 Schooling</td> </tr> <tr> <td>4 Bad weather</td> <td>9 Others, specify</td> </tr> <tr> <td>5 Waiting for rehire/job recall</td> <td></td> </tr> </table>						1 Believe no work available	6 Too young, too old or retired,	2 Awaiting results of previous job application	7 Housekeeping	3 Temporary illness/disability	8 Schooling	4 Bad weather	9 Others, specify	5 Waiting for rehire/job recall		<p><b>REMARKS:</b></p>				
1 Believe no work available	6 Too young, too old or retired,																			
2 Awaiting results of previous job application	7 Housekeeping																			
3 Temporary illness/disability	8 Schooling																			
4 Bad weather	9 Others, specify																			
5 Waiting for rehire/job recall																				

# APPENDIX G

<b>HOUSING CENSUS QUESTIONS</b>																							
<p><b>B1 TO B4 ARE TO BE ANSWERED BY MERE OBSERVATION. IF DOUBTFUL, ASK THE RESPONDENT.</b></p>	<p><b>D1 IS TO BE ASKED FROM ANY HOUSEHOLD IN THIS HOUSING UNIT.</b></p>																						
<p><b>B1 TYPE OF BUILDING/HOUSE</b></p> <ol style="list-style-type: none"> <li>1 Single house</li> <li>2 Duplex</li> <li>3 Multi-unit residential (3 units or more)</li> <li>4 Commercial/Industrial/Agricultural (office, factory, ricemill, etc.)</li> <li>5 Institutional living quarters (hotel, hospital, etc.)</li> <li>6 Other housing unit (boat, cave, etc.)</li> </ol> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	<p><b>D1 FLOOR AREA OF THE HOUSING UNIT</b></p> <p style="text-align: center;"><i>What is the estimated floor area of this housing unit?</i></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: left;">SQUARE METERS</th> <th style="width: 50%; text-align: left;">SQUARE FEET</th> </tr> </thead> <tbody> <tr><td>01 Less than 10</td><td>Less than 108</td></tr> <tr><td>02 10 - 19</td><td>108 - 209</td></tr> <tr><td>03 20 - 29</td><td>210 - 317</td></tr> <tr><td>04 30 - 49</td><td>318 - 532</td></tr> <tr><td>05 50 - 69</td><td>533 - 748</td></tr> <tr><td>06 70 - 89</td><td>749 - 963</td></tr> <tr><td>07 90 - 119</td><td>964 - 1286</td></tr> <tr><td>08 120 - 149</td><td>1287 - 1609</td></tr> <tr><td>09 150 - 199</td><td>1610 - 2147</td></tr> <tr><td>10 200 and over</td><td>2148 and over</td></tr> </tbody> </table> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	SQUARE METERS	SQUARE FEET	01 Less than 10	Less than 108	02 10 - 19	108 - 209	03 20 - 29	210 - 317	04 30 - 49	318 - 532	05 50 - 69	533 - 748	06 70 - 89	749 - 963	07 90 - 119	964 - 1286	08 120 - 149	1287 - 1609	09 150 - 199	1610 - 2147	10 200 and over	2148 and over
SQUARE METERS	SQUARE FEET																						
01 Less than 10	Less than 108																						
02 10 - 19	108 - 209																						
03 20 - 29	210 - 317																						
04 30 - 49	318 - 532																						
05 50 - 69	533 - 748																						
06 70 - 89	749 - 963																						
07 90 - 119	964 - 1286																						
08 120 - 149	1287 - 1609																						
09 150 - 199	1610 - 2147																						
10 200 and over	2148 and over																						
<p><b>B2 CONSTRUCTION MATERIAL OF THE ROOF</b></p> <ol style="list-style-type: none"> <li>1 Galvanized iron/Aluminum</li> <li>2 Tile/Concrete/Clay tile</li> <li>3 Half galvanized iron and half concrete</li> <li>4 Wood</li> <li>5 Cogon/Nipa/Anahaw</li> <li>6 Asbestos</li> <li>7 Makeshift/Salvaged/Improvised materials</li> <li>8 Others, specify _____</li> </ol> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	<p style="text-align: center;"><b>H1 TO H3 ARE TO BE ANSWERED BY ALL HOUSEHOLDS.</b></p>																						
<p><b>B3 CONSTRUCTION MATERIAL OF THE OUTER WALLS</b></p> <ol style="list-style-type: none"> <li>01 Concrete/Brick/Stone</li> <li>02 Wood</li> <li>03 Half concrete/brick/stone and half wood</li> <li>04 Galvanized iron/Aluminum</li> <li>05 Bamboo/Sawali/Cogon/Nipa</li> <li>06 Asbestos</li> <li>07 Glass</li> <li>08 Makeshift/Salvaged/Improvised materials</li> <li>09 Others, specify _____</li> <li>10 No walls</li> </ol> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	<p><b>H1 FUEL FOR LIGHTING</b></p> <p style="text-align: center;"><i>What kind of fuel does this household use for lighting?</i></p> <ol style="list-style-type: none"> <li>1 Electricity</li> <li>2 Kerosene (gaas)</li> <li>3 Liquefied petroleum gas (LPG)</li> <li>4 Oil (vegetable, animal, etc.)</li> <li>5 Others, specify _____</li> </ol> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>																						
<p><b>B4 STATE OF REPAIR</b></p> <p style="text-align: center;"><i>Determine the current condition of the building/house.</i></p> <ol style="list-style-type: none"> <li>1 Needs no repair/needs minor repair</li> <li>2 Needs major repair</li> <li>3 Dilapidated/Condemned</li> <li>4 Under renovation/being repaired</li> <li>5 Under construction</li> <li>6 Unfinished construction</li> </ol> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	<p><b>H2 FUEL FOR COOKING</b></p> <p style="text-align: center;"><i>What fuel does this household use most of the time for cooking?</i></p> <ol style="list-style-type: none"> <li>1 Electricity</li> <li>2 Kerosene (gaas)</li> <li>3 Liquefied petroleum gas (LPG)</li> <li>4 Charcoal</li> <li>5 Wood</li> <li>6 Others, specify _____</li> <li>7 None</li> </ol> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>																						
<p style="text-align: center;"><b>B5 IS TO BE ASKED FROM ANY HOUSEHOLD IN THE BUILDING.</b></p>	<p><b>H3 MAIN SOURCE OF DRINKING WATER</b></p> <p style="text-align: center;"><i>What is this household's main source of drinking water?</i></p> <ol style="list-style-type: none"> <li>1 Own use, faucet, community water system</li> <li>2 Shared, faucet, community water system</li> <li>3 Own use, tubed/piped deep well (at least 100 feet or 30 meters deep)</li> <li>4 Shared, tubed/piped deep well (at least 100 feet or 30 meters deep)</li> <li>5 Tubed/piped shallow well</li> <li>6 Dug well</li> <li>7 Spring, lake, river, rain, etc.</li> <li>8 Peddler</li> </ol> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>																						
<p><b>B5 YEAR BUILDING/HOUSE WAS BUILT</b></p> <p style="text-align: center;"><i>When was this building/house built?</i></p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>01 1990</td><td>07 1971-1980</td></tr> <tr><td>02 1989</td><td>08 1961-1970</td></tr> <tr><td>03 1988</td><td>09 1951-1960</td></tr> <tr><td>04 1987</td><td>10 1950 or earlier</td></tr> <tr><td>05 1986</td><td>98 Not applicable</td></tr> <tr><td>06 1981-1985</td><td>99 Don't know</td></tr> </tbody> </table> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	01 1990	07 1971-1980	02 1989	08 1961-1970	03 1988	09 1951-1960	04 1987	10 1950 or earlier	05 1986	98 Not applicable	06 1981-1985	99 Don't know											
01 1990	07 1971-1980																						
02 1989	08 1961-1970																						
03 1988	09 1951-1960																						
04 1987	10 1950 or earlier																						
05 1986	98 Not applicable																						
06 1981-1985	99 Don't know																						

# HOUSING CENSUS QUESTIONS

H4 TO H13 ARE TO BE ANSWERED BY ALL HOUSEHOLDS.

**H4 TENURE STATUS OF THE HOUSING UNIT**  
*What is the tenure status of this housing unit?*

1 Owned/Being amortized  
 2 Rented → ENTER CODE, GO TO H8  
 3 Being occupied for free with consent of owner → ENTER CODE, GO TO H9  
 4 Being occupied for free without consent of owner → ENTER CODE, GO TO H9

ENTER CODE

**H5 ACQUISITION OF HOUSING UNIT**  
*How did you acquire this housing unit?*

1 Purchased  
 2 Constructed by the owner/occupants with or without help of friends/relatives  
 3 Constructed by hired/skilled workers  
 4 Constructed by an organized contractor  
 5 Inherited  
 6 Others (lottery, gift) → ENTER CODE, GO TO H7

ENTER CODE

**H6 SOURCE OF FINANCING**  
*Did you avail of the following sources of financing in the construction/purchase of this housing unit?*

A. Own resources/interest-free loans from relatives/friends	1 Yes	2 No	ENTER CODE	<input style="width: 50px;" type="text"/>
B. Government assistance: PAG-IBIG, GSIS, SSS, DBP, etc.	1 Yes	2 No		<input style="width: 50px;" type="text"/>
C. Private banks/foundations/cooperatives	1 Yes	2 No		<input style="width: 50px;" type="text"/>
D. Employer assistance	1 Yes	2 No		<input style="width: 50px;" type="text"/>
E. Private persons	1 Yes	2 No		<input style="width: 50px;" type="text"/>
F. Others, specify _____	1 Yes	2 No		<input style="width: 50px;" type="text"/>

**H7 TENURE STATUS OF THE LOT**  
*What is the tenure status of the lot?*

1 Owned/Being amortized  
 2 Rented  
 3 Being occupied for free with consent of owner → ENTER CODE, GO TO H8  
 4 Being occupied for free without consent of owner → ENTER CODE, GO TO H8

ENTER CODE

**H8 MONTHLY RENTAL OF HOUSING UNIT AND/OR LOT**  
*How much is the monthly rental?*

01 Below ₱ 50	07 500 - 699
02 50 - 99	08 700 - 999
03 100 - 149	09 1000 - 1499
04 150 - 199	10 1500 - 1999
05 200 - 299	11 2000 - 4999
06 300 - 499	12 5000 and over

ENTER CODE

**H9 KIND OF TOILET FACILITY**  
*What type of toilet facility does this household use?*

- 1 Water-sealed, sewer/septic tank, used exclusively by the household
- 2 Water-sealed, sewer/septic tank, shared with other households
- 3 Water-sealed, other depository, used exclusively by the household
- 4 Water-sealed, other depository, shared with other households
- 5 Closed pit (without a water-sealed bowl and the depository is constructed usually of large circular tubes made of concrete or clay covered on top and has a small opening; antipolo, etc.)
- 6 Open pit (same as closed pit but without covering)
- 7 Others (pail system, etc.)
- 8 None

ENTER CODE

*Water-sealed bowls are those where after water is flushed or poured into the bowl, a small amount of water is left and seals the bottom of the bowl from the pipe leading to the depository*

**H10 USUAL MANNER OF GARBAGE DISPOSAL**  
*How does this household usually dispose of its kitchen garbage such as left-over food, peelings of fruits and vegetables, fish and chicken entrails, etc.?*

- 1 Picked up by garbage truck
- 2 Dumping in individual pit (not burned)
- 3 Burning
- 4 Composting (later used as fertilizer)
- 5 Burying
- 6 Feeding to animals
- 7 Others, specify \_\_\_\_\_

ENTER CODE

**H11 PRESENCE OF HOUSEHOLD CONVENIENCES**  
*Does this household have the following household conveniences in working condition?*

A. Radio/Radio cassette	1 Yes	2 No	ENTER CODE	<input style="width: 50px;" type="text"/>
B. Television	1 Yes	2 No		<input style="width: 50px;" type="text"/>
C. Refrigerator/Freezer	1 Yes	2 No		<input style="width: 50px;" type="text"/>
D. Telephone	1 Yes	2 No		<input style="width: 50px;" type="text"/>
E. Motor Vehicle	1 Yes	2 No		<input style="width: 50px;" type="text"/>

**H12 LAND OWNERSHIP**  
*Does any member of this household own the following?*

A. Other residential land(s)	1 Yes	2 No	ENTER CODE	<input style="width: 50px;" type="text"/>
B. Agricultural land(s)	1 Yes	2 No		<input style="width: 50px;" type="text"/>
C. Other land(s)	1 Yes	2 No		<input style="width: 50px;" type="text"/>

**H13 LANGUAGE/DIALECT GENERALLY SPOKEN**  
*What is the language/dialect generally spoken at home by members of this household?*

01 Tagalog	08 Waray
02 Cebuano	09 Bicol
03 Hiligaynon	10 Maguindanao
04 Ilocano	11 Maranao
05 Ibanag	12 Tausug
06 Pampango	— Others, specify _____
07 Pangasinan	

ENTER CODE