

# *1990 Census of Population and Housing*

REPORT NO. 4 - 2 J: HOUSING STATISTICS

## *AGUSAN DEL NORTE*



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

**REPUBLIC OF THE PHILIPPINES**

*HIS EXCELLENCY*

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## **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.**

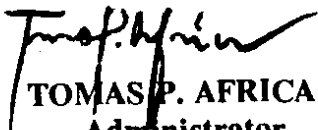
**Other household related information like fuel used for lighting and cooking, source of drinking water, type of toilet facilities, manner of kitchen garbage disposal and presence of household convenience are included in the 1990 Census of Population and Housing Report No. 3.**

**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**

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## **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 common.
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/Improvised 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/Improvised 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:

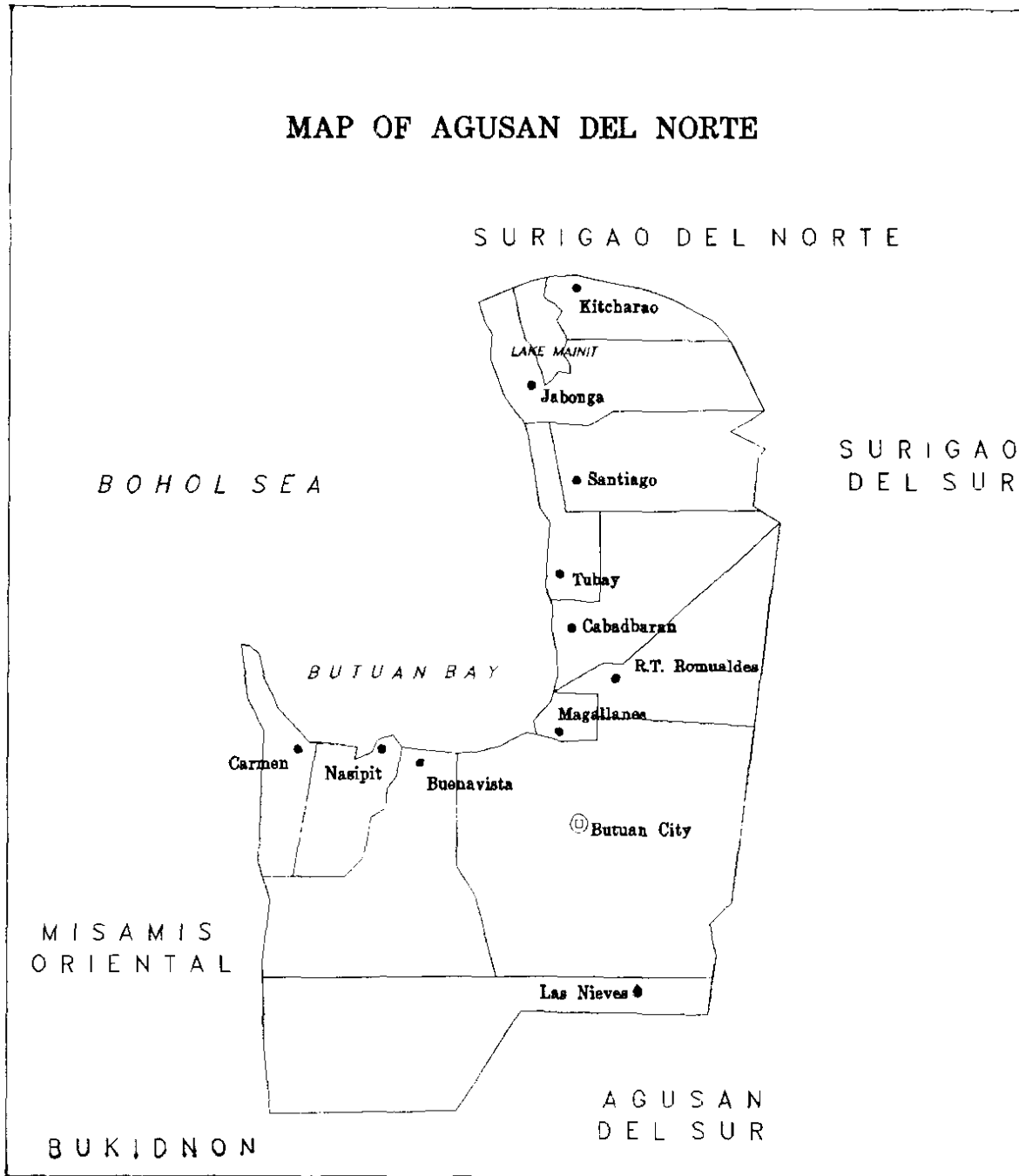
1. **Own resources/interest-free loans from relatives/friends**
2. **Government assistance: PAG-IBIG, GSIS, DBP, etc.**
3. **Private banks/foundations/cooperatives**
4. **Employer assistance**
5. **Private persons**
6. **Others**

***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.



# MAP OF AGUSAN DEL NORTE



## HIGHLIGHTS

- The province of Agusan del Norte has a total of 80,900 occupied housing units in 1990 for 83,067 households giving a ratio of 1.027 households per housing unit.
- A great majority of the housing units were built of cogon, nipa or anahaw for roofing (63.6 percent) and wood for outer walls (73.1 percent). The proportion of housing units that do not need repair, or if at all a minor one only, is still high at 66.4 percent.
- Majority (63.7 percent) of the housing units are of recent construction, that is, built after 1980.
- Census results also show that 68.2 percent of the housing units in Agusan del Norte are with limited floor area of less than 30 square meters. About 20.2 percent measure 30-69 square meters, while 11.7 percent are spacious units (70 square meters and over).
- Of the 83,067 households in the province, 82.3 percent own their housing units, 36.9 percent of the unit owners also own the lot where the unit is erected.
- Among those who own their housing units, 93.8 percent constructed their houses from own resources; 1.5 percent with funds from government financing schemes; and 2.5 percent through private persons or banks.

## AGUSAN DEL NORTE

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
AGUSAN DEL NORTE (including Butuan City)	30,972	29,378	1,594	43,645	42,923	722	64,070	62,053	2,017	83,785	80,900	2,885
Buenavista	3,390	3,133	257	3,977	3,968	9	5,647	5,410	237	7,166	6,963	203
Butuan City	13,946	13,317	629	20,216	19,766	450	29,841	28,997	844	40,687	39,338	1,349
Cabadbaran	4,802	4,439	363	5,544	5,471	73	7,632	7,340	292	8,471	8,149	322
Carmen	1,713	1,634	79	2,134	2,108	26	2,580	2,526	54	2,874	2,810	64
Jabonga	2,534	2,466	68	1,921	1,895	26	2,851	2,749	102	3,348	3,189	159
Kitcharao	-	-	-	1,625	1,616	9	2,065	1,990	75	2,430	2,348	82
Las Nieves	739	699	40	1,143	1,138	5	1,896	1,819	77	2,745	2,640	105
Magallanes	-	-	-	1,107	1,104	3	3,051	2,962	89	2,781	2,731	50
Nasipit	2,576	2,477	99	3,495	3,464	31	5,060	4,959	101	6,180	6,006	174
R.T Romualdez	-	-	-	-	-	-	-	-	-	2,007	1,890	117
Santiago	-	-	-	829	792	37	1,354	1,297	57	2,331	2,183	148
Tubay	1,272	1,213	59	1,654	1,601	53	2,093	2,004	89	2,765	2,653	112

## 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>AGUSAN DEL NORTE (including Butuan City)</b>					
Total	80,900	83,067	464,789	1.027	5.745
Single House	76,120	77,728	437,313	1.021	5.745
Duplex	2,650	2,944	15,372	1.111	5.801
Multi-unit Residential	1,765	2,023	10,190	1.146	5.773
Commercial/Industrial/Agricultural	313	318	1,693	1.016	5.409
Institutional Living Quarters	24	24	98	1.000	4.083
Other Housing Unit	25	27	108	1.080	4.320
Not Reported	3	3	15	1.000	5.000
<b>URBAN</b>					
Total	37,632	39,411	220,140	1.047	5.850
Single House	33,516	34,776	196,311	1.038	5.857
Duplex	2,227	2,497	13,065	1.121	5.867
Multi-unit Residential	1,559	1,801	9,005	1.155	5.776
Commercial/Industrial/Agricultural	290	295	1,579	1.017	5.445
Institutional Living Quarters	22	22	87	1.000	3.955
Other Housing Unit	17	19	85	1.118	5.000
Not Reported	1	1	8	1.000	8.000
<b>RURAL</b>					
Total	43,268	43,656	244,649	1.009	5.654
Single House	42,604	42,952	241,002	1.008	5.657
Duplex	423	447	2,307	1.057	5.454
Multi-unit Residential	206	222	1,185	1.078	5.752
Commercial/Industrial/Agricultural	23	23	114	1.000	4.957
Institutional Living Quarters	2	2	11	1.000	5.500
Other Housing Unit	8	8	23	1.000	2.875
Not Reported	2	2	7	1.000	3.500
<b>Buenavista</b>					
Total	6,963	7,158	39,245	1.028	5.636
Single House	6,854	6,993	38,362	1.020	5.597
Duplex	68	109	561	1.603	8.250
Multi-unit Residential	18	33	194	1.833	10.778
Commercial/Industrial/Agricultural	21	21	117	1.000	5.571
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	2	2	11	1.000	5.500
<b>Urban</b>					
Total	2,632	2,773	15,215	1.054	5.781
Single House	2,537	2,627	14,417	1.035	5.683
Duplex	55	91	479	1.655	8.709
Multi-unit Residential	18	33	194	1.833	10.778
Commercial/Industrial/Agricultural	21	21	117	1.000	5.571
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	8	1.000	8.000
<b>Rural</b>					
Total	4,331	4,385	24,030	1.012	5.548
Single House	4,317	4,366	23,945	1.011	5.547
Duplex	13	18	82	1.385	6.308
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	3	1.000	3.000

## AGUSAN DEL NORTE

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>Butuan City</b>					
Total	39,338	40,621	227,335	1.033	5.779
Single House	35,810	36,692	207,150	1.025	5.785
Duplex	1,905	2,102	11,004	1.103	5.776
Multi-unit Residential	1,355	1,553	7,769	1.146	5.734
Commercial/Industrial/Agricultural	236	240	1,274	1.017	5.098
Institutional Living Quarters	12	12	50	1.000	4.167
Other Housing Unit	20	22	88	1.100	4.400
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	22,776	23,913	133,657	1.050	5.868
Single House	19,765	20,525	116,279	1.038	5.883
Duplex	1,596	1,783	9,355	1.117	5.862
Multi-unit Residential	1,162	1,346	6,677	1.158	5.746
Commercial/Industrial/Agricultural	228	232	1,228	1.018	5.386
Institutional Living Quarters	11	11	43	1.000	3.909
Other Housing Unit	14	16	75	1.143	5.357
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	16,562	16,708	93,678	1.009	5.656
Single House	16,045	16,167	90,871	1.008	5.664
Duplex	309	319	1,649	1.032	5.337
Multi-unit Residential	193	207	1,092	1.073	5.658
Commercial/Industrial/Agricultural	8	8	46	1.000	5.750
Institutional Living Quarters	1	1	7	1.000	7.000
Other Housing Unit	6	6	13	1.000	2.167
Not Reported	-	-	-	-	-
<b>Cabadbaran</b>					
Total	8,149	8,397	46,329	1.030	5.685
Single House	7,838	8,052	44,584	1.027	5.688
Duplex	192	216	1,123	1.125	5.849
Multi-unit Residential	103	113	530	1.097	5.146
Commercial/Industrial/Agricultural	11	11	73	1.000	6.636
Institutional Living Quarters	4	4	16	1.000	4.000
Other Housing Unit	1	1	3	1.000	3.000
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	2,505	2,679	14,767	1.069	5.895
Single House	2,238	2,384	13,283	1.065	5.935
Duplex	155	173	911	1.116	5.877
Multi-unit Residential	98	108	494	1.102	5.041
Commercial/Industrial/Agricultural	10	10	64	1.000	6.400
Institutional Living Quarters	-	3	12	1.000	4.000
Other Housing Unit	1	1	3	1.000	3.000
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	5,644	5,718	31,562	1.013	5.592
Single House	5,600	5,668	31,301	1.012	5.589
Duplex	37	43	212	1.162	5.730
Multi-unit Residential	5	5	36	1.000	7.200
Commercial/Industrial/Agricultural	1	1	9	1.000	9.000
Institutional Living Quarters	1	1	4	1.000	4.000
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>Carmen</b>					
Total	2,810	2,834	15,503	1.009	5.517
Single House	2,789	2,805	15,358	1.006	5.507
Duplex	12	15	75	1.250	6.250
Multi-unit Residential	7	12	63	1.714	9.000
Commercial/Industrial/Agricultural	2	2	7	1.000	3.500
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	722	739	4,021	1.024	5.569
Single House	706	715	3,906	1.013	5.533
Duplex	9	12	55	1.333	6.111
Multi-unit Residential	6	11	57	1.833	9.500
Commercial/Industrial/Agricultural	1	1	3	1.000	3.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	2,088	2,095	11,482	1.003	5.499
Single House	2,083	2,090	11,452	1.003	5.498
Duplex	3	3	20	1.000	6.667
Multi-unit Residential	1	1	6	1.000	6.000
Commercial/Industrial/Agricultural	1	1	4	1.000	4.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Jabonga</b>					
Total	3,189	3,213	18,602	1.008	5.833
Single House	3,160	3,183	18,463	1.007	5.843
Duplex	5	5	20	1.000	4.000
Multi-unit Residential	19	20	98	1.053	5.158
Commercial/Industrial/Agricultural	2	2	5	1.000	2.500
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	3	3	16	1.000	5.333
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	393	406	2,394	1.033	6.092
Single House	372	384	2,285	1.032	6.142
Duplex	1	1	5	1.000	5.000
Multi-unit Residential	19	20	98	1.053	5.158
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	1	1	6	1.000	6.000
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	2,796	2,807	16,208	1.004	5.797
Single House	2,788	2,799	16,178	1.004	5.803
Duplex	4	4	15	1.000	3.750
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	2	2	5	1.000	2.500
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	2	2	10	1.000	5.000
Not Reported	-	-	-	-	-



## AGUSAN DEL NORTE

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>Kitcharao</b>					
Total	2,348	2,392	13,573	1.019	5.781
Single House	2,331	2,375	13,490	1.019	5.787
Duplex	9	9	43	1.000	4.778
Multi-unit Residential	5	5	29	1.000	5.800
Commercial/Industrial/Agricultural	3	3	11	1.000	3.667
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	1,031	1,066	5,807	1.034	5.632
Single House	1,018	1,053	5,741	1.034	5.639
Duplex	8	8	37	1.000	4.625
Multi-unit Residential	5	5	29	1.000	5.800
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	1,317	1,326	7,766	1.007	5.897
Single House	1,313	1,322	7,749	1.007	5.902
Duplex	1	1	6	1.000	6.000
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	3	3	11	1.000	3.667
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Las Nieves</b>					
Total	2,640	2,641	15,409	1.000	5.837
Single House	2,636	2,637	15,389	1.000	5.838
Duplex	3	3	15	1.000	5.000
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	1	1	5	1.000	5.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	136	136	809	1.000	5.949
Single House	136	136	809	1.000	5.949
Duplex	-	-	-	-	-
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	2,504	2,505	14,600	1.000	5.831
Single House	2,500	2,501	14,580	1.000	5.832
Duplex	3	3	15	1.000	5.000
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	1	1	5	1.000	5.000
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>Magallanes</b>					
Total	2,731	2,815	16,207	1.031	5.934
Single House	2,596	2,672	15,447	1.029	5.950
Duplex	102	110	577	1.078	5.657
Multi-unit Residential	32	32	179	1.000	5.594
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	4	1.000	4.000
<b>Urban</b>					
Total	1,872	1,951	11,277	1.042	6.024
Single House	1,739	1,810	10,625	1.041	6.052
Duplex	101	109	573	1.079	5.673
Multi-unit Residential	32	32	179	1.000	5.594
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	859	864	4,930	1.006	5.739
Single House	857	862	4,922	1.006	5.743
Duplex	1	1	4	1.000	4.000
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	4	1.000	4.000
<b>Nasipit</b>					
Total	6,006	6,146	34,080	1.023	5.674
Single House	5,482	5,582	31,166	1.018	5.689
Duplex	320	335	1,721	1.047	5.378
Multi-unit Residential	167	191	981	1.144	5.874
Commercial/Industrial/Agricultural	29	30	160	1.034	5.517
Institutional Living Quarters	8	8	32	1.000	4.000
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	3,508	3,621	20,224	1.032	5.765
Single House	3,016	3,090	17,516	1.025	5.808
Duplex	292	306	1,568	1.048	5.370
Multi-unit Residential	163	187	948	1.147	5.816
Commercial/Industrial/Agricultural	29	30	160	1.034	5.517
Institutional Living Quarters	8	8	32	1.000	4.000
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	2,498	2,525	13,856	1.011	5.547
Single House	2,466	2,492	13,670	1.011	5.543
Duplex	28	29	153	1.036	5.464
Multi-unit Residential	4	4	33	1.000	8.250
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-

## AGUSAN DEL NORTE

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>Santiago</b>					
Total	2,183	2,224	12,768	1.019	5.849
Single House	2,118	2,153	12,385	1.017	5.847
Duplex	3	4	20	1.333	6.667
Multi-unit Residential	56	61	332	1.089	5.929
Commercial/Industrial/Agricultural	6	6	31	1.000	5.167
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	1,055	1,083	6,198	1.027	5.875
Single House	996	1,020	5,850	1.024	5.873
Duplex	3	4	20	1.333	6.667
Multi-unit Residential	55	58	321	1.055	5.836
Commercial/Industrial/Agricultural	1	1	7	1.000	7.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	1,128	1,141	6,570	1.012	5.824
Single House	1,122	1,133	6,535	1.010	5.824
Duplex	-	-	-	-	-
Multi-unit Residential	1	3	11	3.000	11.000
Commercial/Industrial/Agricultural	5	5	24	1.000	4.800
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Tubay</b>					
Total	2,653	2,700	15,240	1.018	5.747
Single House	2,640	2,683	15,152	1.016	5.739
Duplex	11	15	90	1.364	8.182
Multi-unit Residential	1	1	1	1.000	1.000
Commercial/Industrial/Agricultural	1	1	5	1.000	5.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	467	485	2,716	1.039	5.816
Single House	464	479	2,685	1.032	5.787
Duplex	3	6	31	2.000	10.333
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	2,186	2,215	12,532	1.013	5.733
Single House	2,176	2,204	12,467	1.013	5.729
Duplex	8	9	59	1.125	7.375
Multi-unit Residential	1	1	1	1.000	1.000
Commercial/Industrial/Agricultural	1	1	5	1.000	5.000
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>R.T. Romualdez</b>					
Total	1,890	1,926	10,490	1.019	5.550
Single House	1,866	1,901	10,347	1.019	5.545
Duplex	20	21	123	1.050	6.150
Multi-unit Residential	2	2	14	1.000	7.000
Commercial/Industrial/Agricultural	1	1	5	1.000	5.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	1	1	1	1.000	1.000
Not Reported	-	-	-	-	-
<b>Urban</b>					
Total	536	559	3,055	1.045	5.710
Single House	529	553	3,015	1.045	5.699
Duplex	4	4	31	1.000	7.750
Multi-unit Residential	1	1	8	1.000	8.000
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	1	1	1	1.000	1.000
Not Reported	-	-	-	-	-
<b>Rural</b>					
Total	1,355	1,367	7,435	1.009	5.487
Single House	1,337	1,348	7,332	1.008	5.484
Duplex	16	17	92	1.063	5.750
Multi-unit Residential	1	1	6	1.000	6.000
Commercial/Industrial/Agricultural	1	1	5	1.000	5.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-

## AGUSAN DEL NORTE

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							
		Galvanized Iron/Aluminum	Tile/Concrete/Clay Tile	Half Galvanized Iron and Half Concrete	Wood	Cogon/Nipa/Anahaw	Makeshift/Salvaged/Improvised	Asbestos/Others	Not Reported
<b>AGUSAN DEL NORTE (including Butuan City)</b>									
Total	80,900	23,578	692	625	3,096	51,458	347	1,091	13
Concrete/Brick/Stone	3,035	2,585	68	33	9	328	3	9	-
Wood	59,170	14,754	460	328	2,818	39,898	135	776	1
Half Concrete/Brick/Stone & Half Wood	6,984	5,640	96	231	18	976	2	21	-
Galvanized Iron/Aluminum	199	58	5	11	58	65	1	1	-
Bamboo/Sawali/Cogon/Nipa	7,983	260	52	10	157	7,434	36	34	-
Makeshift/Salvaged/Improvised	1,537	82	-	5	23	1,246	158	11	12
Asbestos/Glass/Others	1,940	196	11	4	9	1,473	11	236	-
No Walls/Not Reported	52	3	-	3	4	38	1	3	-
<b>Buenavista</b>									
Total	6,963	1,823	50	48	320	4,704	9	8	1
Concrete/Brick/Stone	114	91	4	2	1	15	1	-	-
Wood	5,029	1,125	33	22	289	3,555	2	3	-
Half Concrete/Brick/Stone & Half Wood	667	552	4	17	2	91	1	-	-
Galvanized Iron/Aluminum	29	15	-	6	5	3	-	-	-
Bamboo/Sawali/Cogon/Nipa	776	28	7	1	22	715	-	3	-
Makeshift/Salvaged/Improvised	176	4	-	-	-	167	4	-	1
Asbestos/Glass/Others	168	8	2	-	1	154	1	2	-
No Walls/Not Reported	4	-	-	-	-	4	-	-	-
<b>Butuan City</b>									
Total	39,338	12,482	374	410	1,908	23,335	195	629	5
Concrete/Brick/Stone	1,437	1,300	49	23	3	53	2	7	-
Wood	30,908	8,234	259	219	1,737	19,867	97	494	1
Half Concrete/Brick/Stone & Half Wood	3,142	2,755	49	155	8	168	1	6	-
Galvanized Iron/Aluminum	114	29	3	5	42	34	1	-	-
Bamboo/Sawali/Cogon/Nipa	2,511	79	13	2	88	2,307	17	5	-
Makeshift/Salvaged/Improvised	766	43	-	2	21	619	74	3	4
Asbestos/Glass/Others	438	40	1	1	6	273	3	114	-
No Walls/Not Reported	22	2	-	3	3	14	-	-	-
<b>Cabadbaran</b>									
Total	8,149	2,442	54	56	36	5,532	16	12	1
Concrete/Brick/Stone	815	649	3	3	1	159	-	-	-
Wood	5,019	1,036	37	26	25	3,884	3	8	-
Half Concrete/Brick/Stone & Half Wood	1,003	675	8	22	3	294	-	1	-
Galvanized Iron/Aluminum	13	3	-	-	1	9	-	-	-
Bamboo/Sawali/Cogon/Nipa	990	56	6	3	4	914	4	3	-
Makeshift/Salvaged/Improvised	208	15	-	2	2	179	9	-	1
Asbestos/Glass/Others	100	8	-	-	-	92	-	-	-
No Walls/Not Reported	1	-	-	-	-	1	-	-	-
<b>Carmen</b>									
Total	2,810	687	34	13	4	1,994	24	50	4
Concrete/Brick/Stone	58	48	1	-	-	8	-	1	-
Wood	1,283	358	16	9	3	880	4	13	-
Half Concrete/Brick/Stone & Half Wood	266	227	4	3	1	30	-	1	-
Galvanized Iron/Aluminum	-	-	-	-	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	765	23	9	-	1	726	3	4	-
Makeshift/Salvaged/Improvised	68	1	-	1	-	42	16	4	4
Asbestos/Glass/Others	368	30	4	-	-	307	1	26	-
No Walls/Not Reported	2	-	-	-	-	1	-	1	-
<b>Jabonga</b>									
Total	3,189	579	13	17	11	2,522	10	37	-
Concrete/Brick/Stone	42	38	-	-	-	4	-	-	-
Wood	2,366	412	9	13	8	1,897	1	26	-
Half Concrete/Brick/Stone & Half Wood	202	117	1	3	-	80	-	1	-
Galvanized Iron/Aluminum	4	-	-	-	-	4	-	-	-
Bamboo/Sawali/Cogon/Nipa	472	4	3	1	3	459	1	1	-
Makeshift/Salvaged/Improvised	84	8	-	-	-	66	8	2	-
Asbestos/Glass/Others	14	-	-	-	-	9	-	5	-
No Walls/Not Reported	5	-	-	-	-	3	-	2	-

## 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							
		Galvanized Iron/Aluminum	Tile/Concrete/Clay Tile	Half Galvanized Iron and Half Concrete	Wood	Cogon/Nipa/Anahaw	Makeshift/Salvaged/Improvised	Asbestos/Others	Not Reported
<b>Kitcharas</b>									
Total	2,348	612	24	14	78	1,602	14	4	-
Concrete/Brick/Stone	72	67	1	-	-	4	-	-	-
Wood	1,854	415	16	4	66	1,341	9	3	-
Half Concrete/Brick/Stone & Half Wood	142	120	4	10	-	7	-	1	-
Galvanized Iron/Aluminum	5	2	-	-	3	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	247	7	3	-	9	227	1	-	-
Makeshift/Salvaged/Improvised	23	1	-	-	-	19	3	-	-
Asbestos/Glass/Others	1	-	-	-	-	1	-	-	-
No Walls/Not Reported	4	-	-	-	-	3	1	-	-
<b>Las Nieves</b>									
Total	2,640	541	14	8	588	1,451	8	30	-
Concrete/Brick/Stone	17	9	-	-	3	5	-	-	-
Wood	2,028	490	13	4	568	944	1	8	-
Half Concrete/Brick/Stone & Half Wood	40	29	-	4	1	6	-	-	-
Galvanized Iron/Aluminum	7	-	-	-	6	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	478	11	1	-	9	455	1	1	-
Makeshift/Salvaged/Improvised	27	2	-	-	-	20	5	-	-
Asbestos/Glass/Others	39	-	-	-	1	16	1	21	-
No Walls/Not Reported	4	-	-	-	-	4	-	-	-
<b>Magallanes</b>									
Total	2,731	542	13	10	39	2,019	1	107	-
Concrete/Brick/Stone	37	30	1	1	-	5	-	-	-
Wood	2,326	416	10	7	37	1,750	-	106	-
Half Concrete/Brick/Stone & Half Wood	117	91	1	2	-	23	-	-	-
Galvanized Iron/Aluminum	3	1	1	-	-	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	217	4	-	-	1	211	-	1	-
Makeshift/Salvaged/Improvised	6	-	-	-	-	5	1	-	-
Asbestos/Glass/Others	21	-	-	-	1	20	-	-	-
No Walls/Not Reported	4	-	-	-	-	4	-	-	-
<b>Nasipit</b>									
Total	6,006	2,536	50	18	57	3,155	12	177	1
Concrete/Brick/Stone	229	195	4	3	-	26	-	1	-
Wood	3,892	1,505	26	9	52	2,193	4	103	-
Half Concrete/Brick/Stone & Half Wood	831	716	14	4	3	83	-	11	-
Galvanized Iron/Aluminum	8	4	-	-	-	3	-	1	-
Bamboo/Sawali/Cogon/Nipa	295	9	2	-	1	281	-	2	-
Makeshift/Salvaged/Improvised	39	-	-	-	-	32	5	1	1
Asbestos/Glass/Others	709	106	4	2	-	536	3	58	-
No Walls/Not Reported	3	1	-	-	1	1	-	-	-
<b>Santiago</b>									
Total	2,183	451	20	2	15	1,613	48	34	-
Concrete/Brick/Stone	52	46	2	-	-	4	-	-	-
Wood	1,638	283	11	1	13	1,307	12	11	-
Half Concrete/Brick/Stone & Half Wood	140	119	2	1	-	18	-	-	-
Galvanized Iron/Aluminum	-	1	5	-	2	220	9	13	-
Bamboo/Sawali/Cogon/Nipa	250	1	-	-	-	40	26	1	-
Makeshift/Salvaged/Improvised	68	1	-	-	-	24	1	9	-
Asbestos/Glass/Others	35	1	-	-	-	-	-	-	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-
<b>Tubay</b>									
Total	2,653	533	21	21	16	2,052	9	1	-
Concrete/Brick/Stone	82	50	-	1	-	31	-	-	-
Wood	1,554	268	12	10	8	1,254	2	-	-
Half Concrete/Brick/Stone & Half Wood	355	184	6	8	-	157	-	-	-
Galvanized Iron/Aluminum	8	1	-	-	-	7	-	-	-
Bamboo/Sawali/Cogon/Nipa	599	23	3	2	8	563	-	-	-
Makeshift/Salvaged/Improvised	38	5	-	-	-	27	6	-	-
Asbestos/Glass/Others	16	2	-	-	-	12	1	1	-
No Walls/Not Reported	1	-	-	-	-	1	-	-	-

## AGUSAN DEL NORTE

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/ Impro- vised	Asbestos/ Others	Not Reported
R.T. Romualdez									
Total	1,890	350	25	8	24	1,479	1	2	1
Concrete/Brick/Stone	80	62	3	-	1	14	-	-	-
Wood	1,273	212	18	4	12	1,026	-	1	-
Half Concrete/Brick/Stone & Half Wood	79	55	3	2	-	19	-	-	-
Galvanized Iron/Aluminum	8	3	1	-	1	3	-	-	-
Bamboo/Sawali/Cogon/Nipa	383	15	-	1	10	356	-	1	-
Makeshift/Salvaged/Improvised	34	2	-	-	-	30	1	-	1
Asbestos/Glass/Others	31	1	-	1	-	29	-	-	-
No Walls/Not Reported	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

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>AGUSAN DEL NORTE (including Butuan City)</b>								
Total	80,900	53,699	18,301	1,282	1,233	1,756	4,620	9
1986-1990	29,866	18,852	5,620	360	437	1,395	3,200	2
1981-1985	21,691	14,886	5,003	424	314	205	856	3
1971-1980	15,876	11,051	3,872	244	241	91	375	2
1961-1970	7,812	5,219	2,185	141	143	41	83	-
1951-1960	2,655	1,690	816	51	64	10	24	-
1950 or earlier	907	551	297	26	18	5	10	-
Not applicable	22	13	-	-	-	-	9	-
Don't know/Not reported	2,071	1,437	508	36	16	9	63	2
<b>Buenavista</b>								
Total	6,963	4,389	1,588	36	103	131	715	1
1986-1990	2,659	1,615	442	13	30	109	450	-
1981-1985	1,723	1,185	345	4	24	8	157	-
1971-1980	1,453	935	395	8	19	6	90	-
1961-1970	636	400	201	5	13	3	14	-
1951-1960	218	118	77	4	13	3	3	-
1950 or earlier	195	81	105	2	4	2	1	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	79	55	23	-	-	-	-	1
<b>Butuan City</b>								
Total	39,338	26,539	8,894	711	550	877	1,764	3
1986-1990	13,808	9,075	2,367	175	201	682	1,308	-
1981-1985	10,789	7,449	2,549	259	137	116	279	-
1971-1980	7,874	5,423	2,053	133	106	47	110	2
1961-1970	4,135	2,746	1,195	90	63	20	21	-
1951-1960	1,350	866	418	19	32	4	11	-
1950 or earlier	274	187	68	10	5	3	1	-
Not applicable	18	12	-	-	-	-	6	-
Don't know/Not reported	1,090	781	244	25	6	5	28	1
<b>Cabadbaran</b>								
Total	8,149	5,028	1,832	115	144	184	845	1
1986-1990	2,913	1,656	502	27	39	158	530	1
1981-1985	2,042	1,289	528	22	19	14	170	-
1971-1980	1,635	1,124	358	32	33	6	82	-
1961-1970	837	525	235	13	29	4	31	-
1951-1960	304	178	96	13	12	1	4	-
1950 or earlier	187	118	53	4	8	-	4	-
Not applicable	1	1	-	-	-	-	-	-
Don't know/Not reported	230	137	60	4	4	1	24	-
<b>Carmen</b>								
Total	2,810	1,804	660	11	105	61	169	-
1986-1990	1,034	601	237	3	40	50	103	-
1981-1985	792	529	187	3	26	7	40	-
1971-1980	522	365	111	2	23	3	18	-
1961-1970	218	151	51	2	12	-	2	-
1951-1960	81	50	29	-	1	1	-	-
1950 or earlier	58	43	12	-	-	-	3	-
Not applicable	2	-	-	-	-	-	2	-
Don't know/Not reported	103	65	33	1	3	-	1	-
<b>Jabonga</b>								
Total	3,189	1,905	689	126	118	33	318	-
1986-1990	1,398	756	347	24	35	24	212	-
1981-1985	1,028	638	228	40	46	4	72	-
1971-1980	440	291	68	33	24	1	23	-
1961-1970	181	123	25	12	9	2	10	-
1951-1960	73	52	8	8	4	1	-	-
1950 or earlier	33	19	4	9	-	-	1	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	36	26	9	-	-	1	-	-



## AGUSAN DEL NORTE

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>Kitcharao</b>								
Total	2,348	1,753	364	92	20	47	72	-
1986-1990	849	572	137	36	12	35	57	-
1981-1985	867	693	127	29	4	4	10	-
1971-1980	343	254	60	16	4	5	4	-
1961-1970	197	160	28	6	-	2	1	-
1951-1960	40	32	5	3	-	-	-	-
1950 or earlier	19	14	5	-	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	33	28	2	2	-	1	-	-
<b>Las Nieves</b>								
Total	2,640	1,965	276	46	59	110	184	-
1986-1990	1,623	1,185	131	32	27	95	153	-
1981-1985	581	437	74	10	25	10	25	-
1971-1980	255	200	43	2	4	3	3	-
1961-1970	74	55	12	2	2	2	1	-
1951-1960	16	10	6	-	-	-	-	-
1950 or earlier	-	-	-	-	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	91	78	10	-	1	-	2	-
<b>Magallanes</b>								
Total	2,731	1,946	565	14	15	53	138	-
1986-1990	709	455	102	4	3	42	103	-
1981-1985	554	437	85	1	3	5	23	-
1971-1980	1,039	780	234	5	8	6	6	-
1961-1970	221	116	104	1	-	-	-	-
1951-1960	29	14	14	-	-	-	1	-
1950 or earlier	4	2	2	-	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	175	142	24	3	1	-	5	-
<b>Nasipit</b>								
Total	6,006	4,353	1,305	14	58	101	175	-
1986-1990	1,628	1,077	341	3	17	79	111	-
1981-1985	1,354	1,029	262	4	11	13	35	-
1971-1980	1,410	1,076	285	3	15	7	24	-
1961-1970	983	738	226	3	11	2	3	-
1951-1960	422	296	121	1	2	-	2	-
1950 or earlier	101	71	29	-	1	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	108	66	41	-	1	-	-	-
<b>Santiago</b>								
Total	2,183	1,258	791	18	4	36	72	4
1986-1990	1,195	664	433	6	3	27	61	1
1981-1985	526	329	171	11	1	5	6	3
1971-1980	227	139	83	1	-	1	3	-
1961-1970	91	55	34	-	-	2	-	-
1951-1960	23	14	9	-	-	-	-	-
1950 or earlier	11	8	3	-	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	110	49	58	-	-	1	2	-
<b>Tubay</b>								
Total	2,653	1,917	499	15	46	54	122	-
1986-1990	1,156	793	204	2	23	47	87	-
1981-1985	785	587	150	7	15	2	24	-
1971-1980	452	361	75	2	5	1	8	-
1961-1970	164	117	37	3	3	4	-	-
1951-1960	67	46	19	-	-	-	2	-
1950 or earlier	20	8	12	-	-	-	-	-
Not applicable	1	-	-	-	-	-	1	-
Don't know/Not reported	8	5	2	1	-	-	-	-

## 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
R.T. Romualdez								
Total	1,890	842	838	84	11	69	46	-
1986-1990	894	403	377	35	7	47	25	-
1981-1985	650	284	297	34	3	17	15	-
1971-1980	226	103	107	7	-	5	4	-
1961-1970	75	33	37	4	1	-	-	-
1951-1960	32	14	14	3	-	-	1	-
1950 or earlier	5	-	4	1	-	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	8	5	2	-	-	-	1	-

## AGUSAN DEL NORTE

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	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
<b>AGUSAN DEL NORTE (including Butuan City)</b>								
Total	80,900	76,120	2,650	1,765	313	24	25	3
One Household	79,285	74,860	2,440	1,626	309	24	23	3
Two Households	1,255	1,020	157	73	3	-	2	-
Three Households	243	168	34	40	1	-	-	-
Four Households	70	46	11	13	-	-	-	-
Five Households	32	18	6	8	-	-	-	-
Six Households or More	15	8	2	5	-	-	-	-
Mean Number of Households	1.027	1.021	1.111	1.146	1.016	1.000	1.080	1.000
<b>URBAN</b>								
Total	37,632	33,516	2,227	1,559	290	22	17	1
One Household	36,367	32,579	2,040	1,424	286	22	15	1
Two Households	934	721	135	73	3	-	2	-
Three Households	218	145	33	39	1	-	-	-
Four Households	68	45	11	12	-	-	-	-
Five Households	31	18	6	7	-	-	-	-
Six Households or More	14	8	2	4	-	-	-	-
Mean Number of Households	1.047	1.038	1.121	1.155	1.017	1.000	1.118	1.000
<b>RURAL</b>								
Total	43,268	42,604	423	206	23	2	8	2
One Household	42,918	42,281	400	202	23	2	8	2
Two Households	321	299	22	-	-	-	-	-
Three Households	25	23	1	1	-	-	-	-
Four Households	2	1	-	1	-	-	-	-
Five Households	1	-	-	1	-	-	-	-
Six Households or More	1	-	-	1	-	-	-	-
Mean Number of Households	1.009	1.008	1.057	1.078	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	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
<b>AGUSAN DEL NORTE (including Butuan City)</b>								
Total	80,900	76,120	2,650	1,765	313	24	25	3
One Household	79,285	74,860	2,440	1,626	309	24	23	3
Two Households	1,255	1,020	157	73	3	-	2	-
Three Households	243	168	34	40	1	-	-	-
Four Households	70	46	11	13	-	-	-	-
Five Households	32	18	6	8	-	-	-	-
Six Households or More	15	8	2	5	-	-	-	-
Mean Number of Households	1.027	1.021	1.111	1.146	1.016	1.000	1.080	1.000
<b>Buenavista</b>								
Total	6,963	6,854	68	18	21	-	-	2
One Household	6,809	6,738	40	8	21	-	-	2
Two Households	125	100	18	7	-	-	-	-
Three Households	20	10	8	2	-	-	-	-
Four Households	6	5	1	-	-	-	-	-
Five Households	3	1	1	1	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.028	1.020	1.603	1.833	1.000	-	-	1.000
<b>Butuan City</b>								
Total	39,338	35,810	1,905	1,355	236	12	20	-
One Household	38,396	35,127	1,758	1,248	233	12	18	-
Two Households	709	538	113	54	2	-	2	-
Three Households	164	108	22	33	1	-	-	-
Four Households	44	25	8	11	-	-	-	-
Five Households	17	8	4	5	-	-	-	-
Six Households or More	8	4	-	4	-	-	-	-
Mean Number of Households	1.033	1.025	1.103	1.146	1.017	1.000	1.100	-
<b>Cabadbaran</b>								
Total	8,149	7,838	192	103	11	4	1	-
One Household	7,976	7,684	179	97	11	4	1	-
Two Households	129	116	9	4	-	-	-	-
Three Households	26	23	2	1	-	-	-	-
Four Households	10	10	-	-	-	-	-	-
Five Households	6	4	1	1	-	-	-	-
Six Households or More	2	1	1	-	-	-	-	-
Mean Number of Households	1.030	1.027	1.125	1.097	1.000	1.000	1.000	-
<b>Carmen</b>								
Total	2,810	2,789	12	7	2	-	-	-
One Household	2,788	2,773	9	4	2	-	-	-
Two Households	20	16	3	1	-	-	-	-
Three Households	2	-	-	2	-	-	-	-
Four Households	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.009	1.006	1.250	1.714	1.000	-	-	-
<b>Jabonga</b>								
Total	3,189	3,160	5	19	2	-	3	-
One Household	3,167	3,139	5	18	2	-	3	-
Two Households	20	19	-	1	-	-	-	-
Three Households	2	2	-	-	-	-	-	-
Four Households	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.008	1.007	1.000	1.053	1.000	-	1.000	-

## AGUSAN DEL NORTE

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						Other Housing Unit	Not Reported
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/ Industrial/ Agricultural	Institu- tional Living Quarters			
<b>Kitcharao</b>									
Total	2,348	2,331	9	5	3	-	-	-	-
One Household	2,315	2,298	9	5	3	-	-	-	-
Two Households	28	28	-	-	-	-	-	-	-
Three Households	1	1	-	-	-	-	-	-	-
Four Households	2	2	-	-	-	-	-	-	-
Five Households	2	2	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.019	1.019	1.000	1.000	1.000	-	-	-	-
<b>Las Nieves</b>									
Total	2,640	2,636	3	-	1	-	-	-	-
One Household	2,639	2,635	3	-	1	-	-	-	-
Two Households	1	1	-	-	-	-	-	-	-
Three Households	-	-	-	-	-	-	-	-	-
Four Households	-	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.000	1.000	1.000	-	1.000	-	-	-	-
<b>Magallanes</b>									
Total	2,731	2,596	102	32	-	-	-	-	1
One Household	2,680	2,547	100	32	-	-	-	-	1
Two Households	35	35	-	-	-	-	-	-	-
Three Households	9	9	-	-	-	-	-	-	-
Four Households	1	-	1	-	-	-	-	-	-
Five Households	2	2	-	-	-	-	-	-	-
Six Households or More	4	3	1	-	-	-	-	-	-
Mean Number of Households	1.031	1.029	1.078	1.000	-	-	-	-	1.000
<b>Nasipit</b>									
Total	6,006	5,482	320	167	29	8	-	-	-
One Household	5,898	5,396	307	159	28	8	-	-	-
Two Households	91	76	11	3	1	-	-	-	-
Three Households	10	7	2	1	-	-	-	-	-
Four Households	4	2	-	2	-	-	-	-	-
Five Households	2	1	-	1	-	-	-	-	-
Six Households or More	1	-	-	1	-	-	-	-	-
Mean Number of Households	1.023	1.018	1.047	1.144	1.034	1.000	-	-	-
<b>Santiago</b>									
Total	2,183	2,118	3	56	6	-	-	-	-
One Household	2,146	2,086	2	52	6	-	-	-	-
Two Households	33	29	1	3	-	-	-	-	-
Three Households	4	3	-	1	-	-	-	-	-
Four Households	-	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.019	1.017	1.333	1.089	1.000	-	-	-	-
<b>Tubay</b>									
Total	2,653	2,640	11	1	1	-	-	-	-
One Household	2,609	2,598	9	1	1	-	-	-	-
Two Households	42	41	1	-	-	-	-	-	-
Three Households	1	1	-	-	-	-	-	-	-
Four Households	1	-	1	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-	-
Mean Number of Households	1.018	1.016	1.364	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 - 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	
R.T. Romualdez								
Total	1,890	1,866	20	2	1	-	1	-
One Household	1,862	1,839	19	2	1	-	1	-
Two Households	22	21	1	-	-	-	-	-
Three Households	4	4	-	-	-	-	-	-
Four Households	2	2	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.019	1.019	1.050	1.000	1.000	-	1.000	-

## AGUSAN DEL NORTE

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
AGUSAN DEL NORTE (including Butuan City)										
Total	80,900	16,126	22,772	16,255	11,598	4,709	2,650	1,810	4,975	5
One Occupant	1,934	677	531	254	207	76	54	39	96	-
Two Occupants	5,097	1,516	1,429	898	558	227	141	85	243	-
Three Occupants	8,844	2,394	2,520	1,646	1,068	398	268	164	386	-
Four Occupants	12,104	2,678	3,576	2,373	1,599	614	348	260	656	-
Five Occupants	13,300	2,605	3,834	2,669	1,900	792	441	302	757	-
Six Occupants	12,042	2,113	3,460	2,577	1,785	713	395	261	737	1
Seven Occupants	9,407	1,620	2,613	1,923	1,411	616	340	230	654	-
Eight Occupants	7,549	1,230	2,095	1,579	1,204	481	258	167	534	1
Nine Occupants	3,984	585	1,058	888	672	276	135	93	276	1
Ten Occupants or More	6,639	708	1,656	1,448	1,194	516	270	209	636	2
Mean Number of Occupants	5.745	5.066	5.636	5.912	6.086	6.184	6.029	6.148	6.388	9.000
URBAN										
Total	37,632	5,675	9,315	7,659	5,925	3,081	1,698	1,163	3,112	4
One Occupant	838	247	201	108	103	51	38	23	67	-
Two Occupants	2,145	509	569	397	262	143	68	47	150	-
Three Occupants	3,932	874	1,032	770	562	245	146	86	217	-
Four Occupants	5,605	970	1,461	1,127	865	400	226	156	400	-
Five Occupants	6,326	944	1,625	1,296	970	526	293	204	468	-
Six Occupants	5,768	760	1,453	1,246	936	473	266	168	465	1
Seven Occupants	4,425	566	1,084	895	695	409	230	157	389	-
Eight Occupants	3,502	394	822	741	593	331	159	112	349	1
Nine Occupants	1,808	200	402	393	333	181	85	58	155	1
Ten Occupants or More	3,283	211	666	686	606	322	187	152	452	1
Mean Number of Occupants	5.850	5.014	5.642	5.943	6.092	6.196	6.193	6.407	6.565	8.500
RURAL										
Total	43,268	10,451	13,457	8,596	5,673	1,628	952	647	1,863	1
One Occupant	1,096	430	330	146	104	25	16	16	29	-
Two Occupants	2,952	1,007	860	501	296	84	73	38	93	-
Three Occupants	4,912	1,520	1,488	876	506	153	122	78	169	-
Four Occupants	6,499	1,708	2,115	1,246	734	214	122	104	256	-
Five Occupants	6,974	1,661	2,209	1,373	930	266	148	98	289	-
Six Occupants	6,274	1,353	2,007	1,331	849	240	129	93	272	-
Seven Occupants	4,982	1,054	1,529	1,028	716	207	110	73	265	-
Eight Occupants	4,047	836	1,273	838	611	150	99	55	185	-
Nine Occupants	2,176	385	656	495	339	95	50	35	121	-
Ten Occupants or More	3,356	497	990	762	588	194	83	57	184	1
Mean Number of Occupants	5.654	5.095	5.633	5.885	6.079	6.162	5.736	5.683	6.093	11.000

## 1990 CENSUS OF POPULATION AND HOUSING

Table 68. 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)								Not Reported
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	
<b>AGUSAN DEL NORTE (including Butuan City)</b>										
Total	80,900	16,126	22,772	16,255	11,598	4,709	2,650	1,810	4,975	5
One Occupant	1,934	677	531	254	207	76	54	39	96	-
Two Occupants	5,097	1,516	1,429	898	558	227	141	85	243	-
Three Occupants	8,844	2,394	2,520	1,646	1,068	398	268	164	386	-
Four Occupants	12,104	2,678	3,576	2,373	1,599	614	348	260	656	-
Five Occupants	13,300	2,605	3,834	2,669	1,900	792	441	302	757	-
Six Occupants	12,042	2,113	3,460	2,577	1,785	713	395	261	737	1
Seven Occupants	9,407	1,620	2,613	1,923	1,411	616	340	230	654	-
Eight Occupants	7,549	1,230	2,095	1,579	1,204	481	258	167	534	1
Nine Occupants	3,984	585	1,058	888	672	276	135	93	276	1
Ten Occupants or More	6,639	708	1,656	1,448	1,194	516	270	209	636	2
Mean Number of Occupants	5.745	5.066	5.636	5.912	6.086	6.184	6.029	6.148	6.388	9.000
<b>Busnavista</b>										
Total	6,963	1,728	2,056	1,273	993	393	181	123	216	-
One Occupant	151	49	41	27	21	2	4	2	5	-
Two Occupants	498	164	143	79	65	16	13	8	10	-
Three Occupants	814	269	252	132	92	28	14	10	17	-
Four Occupants	1,037	283	323	171	126	59	22	22	31	-
Five Occupants	1,193	306	351	213	159	82	32	22	28	-
Six Occupants	1,039	237	313	219	143	52	28	16	31	-
Seven Occupants	758	154	222	135	130	54	22	11	30	-
Eight Occupants	625	151	170	108	105	31	16	16	28	-
Nine Occupants	322	43	102	74	45	32	13	3	10	-
Ten Occupants or More	526	72	139	115	107	37	17	13	26	-
Mean Number of Occupants	5.636	5.050	5.555	5.854	6.023	6.181	6.000	5.992	6.542	-
<b>Butuan City</b>										
Total	39,338	7,705	11,419	7,978	5,244	2,471	1,277	850	2,393	1
One Occupant	937	330	257	114	92	41	29	19	55	-
Two Occupants	2,421	710	712	425	245	122	57	31	119	-
Three Occupants	4,323	1,168	1,265	835	477	201	129	72	176	-
Four Occupants	5,878	1,297	1,768	1,170	743	319	175	111	295	-
Five Occupants	6,371	1,240	1,907	1,272	834	382	213	153	370	-
Six Occupants	5,818	1,018	1,726	1,226	813	372	200	122	340	1
Seven Occupants	4,600	768	1,361	968	604	335	159	112	293	-
Eight Occupants	3,754	573	1,078	825	549	274	116	78	261	-
Nine Occupants	1,899	273	522	412	318	149	58	42	125	-
Ten Occupants or More	3,337	328	823	731	569	276	141	110	359	-
Mean Number of Occupants	5.779	5.044	5.652	5.958	6.144	6.237	6.072	6.364	6.519	6.000
<b>Cabadbaran</b>										
Total	8,149	1,129	2,131	1,794	1,472	566	308	189	560	-
One Occupant	222	64	60	41	29	11	4	5	8	-
Two Occupants	532	114	143	115	61	30	19	17	33	-
Three Occupants	875	175	217	192	147	49	30	20	45	-
Four Occupants	1,253	207	339	277	203	75	41	30	81	-
Five Occupants	1,444	183	403	325	275	88	55	27	88	-
Six Occupants	1,197	145	326	284	219	93	36	24	70	-
Seven Occupants	898	90	225	205	180	70	39	20	69	-
Eight Occupants	681	60	183	146	134	51	38	18	51	-
Nine Occupants	384	41	86	76	80	34	15	9	43	-
Ten Occupants or More	663	50	149	133	144	65	31	19	72	-
Mean Number of Occupants	5.685	4.899	5.573	5.608	5.986	6.140	6.156	5.730	6.421	-



## AGUSAN DEL NORTE

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)								
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	Not Reported
<b>Carmen</b>										
Total	2,810	584	704	545	411	135	91	81	259	-
One Occupant	70	25	16	9	8	1	5	2	4	-
Two Occupants	233	73	53	32	28	13	11	4	19	-
Three Occupants	335	86	85	52	49	15	17	7	24	-
Four Occupants	445	100	116	89	63	13	9	12	43	-
Five Occupants	416	90	105	84	53	27	9	15	33	-
Six Occupants	402	73	108	75	68	16	10	9	43	-
Seven Occupants	347	53	89	62	61	20	8	12	42	-
Eight Occupants	220	33	55	48	38	11	6	5	24	-
Nine Occupants	155	26	35	42	18	5	9	6	14	-
Ten Occupants or More	187	25	42	52	25	14	7	9	13	-
Mean Number of Occupants	5.517	4.899	5.474	5.958	5.650	5.874	5.231	5.938	5.672	-
<b>Jabonga</b>										
Total	3,189	673	860	630	463	136	88	93	245	1
One Occupant	64	26	19	12	3	-	-	2	2	-
Two Occupants	227	80	54	44	19	6	6	5	13	-
Three Occupants	314	88	80	55	39	11	9	11	21	-
Four Occupants	440	107	109	83	67	18	12	12	32	-
Five Occupants	498	100	124	111	76	28	8	9	42	-
Six Occupants	471	82	141	93	73	22	15	13	32	-
Seven Occupants	384	69	108	64	67	10	11	17	38	-
Eight Occupants	340	61	104	64	50	15	10	11	25	-
Nine Occupants	165	27	40	44	22	3	6	7	16	-
Ten Occupants or More	286	33	81	60	47	23	11	6	24	1
Mean Number of Occupants	5.633	5.120	5.927	5.949	6.106	6.382	6.159	5.946	6.163	11.000
<b>Kitcharao</b>										
Total	2,348	624	656	471	358	89	34	36	78	2
One Occupant	56	23	17	8	3	1	1	1	2	-
Two Occupants	166	67	38	33	18	5	1	2	2	-
Three Occupants	266	88	77	45	35	8	3	7	7	-
Four Occupants	347	100	103	61	48	12	7	3	13	-
Five Occupants	342	106	93	56	64	9	5	2	7	-
Six Occupants	303	68	91	63	42	17	6	5	11	-
Seven Occupants	297	72	79	73	42	6	3	11	11	-
Eight Occupants	230	48	59	51	38	12	4	5	12	1
Nine Occupants	134	24	41	38	20	7	-	1	3	-
Ten Occupants or More	207	28	58	43	48	12	4	3	10	1
Mean Number of Occupants	5.781	5.082	5.767	6.085	6.215	6.416	5.765	6.639	6.449	9.500
<b>Las Nieves</b>										
Total	2,640	1,541	674	318	90	9	3	3	2	-
One Occupant	81	63	13	3	1	-	-	-	1	-
Two Occupants	142	95	32	14	1	-	-	-	-	-
Three Occupants	290	190	59	33	5	1	2	-	-	-
Four Occupants	373	227	89	42	14	1	-	-	-	-
Five Occupants	394	242	92	44	13	3	-	-	-	-
Six Occupants	375	214	99	45	14	3	-	-	-	-
Seven Occupants	314	174	85	44	11	-	-	-	-	-
Eight Occupants	280	158	79	29	11	-	-	2	1	-
Nine Occupants	140	74	38	20	7	-	-	1	-	-
Ten Occupants or More	251	104	88	44	13	1	1	-	-	-
Mean Number of Occupants	5.837	5.517	6.249	6.299	6.567	5.667	5.333	8.333	4.508	-

## 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>Magallanes</b>										
Total	2,731	288	714	700	558	157	100	53	161	-
One Occupant	55	13	16	10	10	2	1	-	3	-
Two Occupants	133	30	38	22	24	5	4	-	10	-
Three Occupants	242	43	78	51	40	12	7	4	7	-
Four Occupants	423	65	116	109	72	14	14	13	20	-
Five Occupants	444	38	111	120	82	33	21	11	28	-
Six Occupants	441	31	102	137	96	21	18	7	29	-
Seven Occupants	361	25	84	89	78	29	17	7	32	-
Eight Occupants	248	17	66	67	58	15	6	4	15	-
Nine Occupants	145	15	48	35	30	8	3	3	3	-
Ten Occupants or More	239	11	55	60	68	18	9	4	14	-
Mean Number of Occupants	5.934	4.875	5.777	6.036	6.344	6.592	5.910	5.925	6.043	-
<b>Nasipit</b>										
Total	6,006	883	1,813	1,249	806	331	246	153	525	-
One Occupant	124	42	35	13	13	9	1	3	8	-
Two Occupants	338	80	110	64	36	14	11	7	16	-
Three Occupants	653	140	197	127	76	31	21	14	47	-
Four Occupants	922	149	310	191	107	37	29	23	76	-
Five Occupants	1,068	144	319	215	167	72	36	31	84	-
Six Occupants	989	119	292	217	134	54	38	27	108	-
Seven Occupants	699	93	201	136	95	43	46	15	70	-
Eight Occupants	519	65	156	110	77	28	27	6	50	-
Nine Occupants	284	26	82	72	45	13	15	8	23	-
Ten Occupants or More	410	25	111	104	56	30	22	19	43	-
Mean Number of Occupants	5.674	4.905	5.545	5.868	5.866	5.885	6.337	5.974	6.130	-
<b>Santiago</b>										
Total	2,183	439	453	385	340	154	107	85	219	1
One Occupant	51	15	12	5	9	2	3	2	3	-
Two Occupants	119	31	25	24	22	2	6	3	6	-
Three Occupants	209	61	49	34	22	9	10	6	18	-
Four Occupants	330	76	69	55	58	31	5	12	24	-
Five Occupants	365	71	97	64	51	22	23	7	30	-
Six Occupants	332	59	68	68	55	21	20	16	25	-
Seven Occupants	258	61	49	30	39	26	11	13	29	-
Eight Occupants	197	31	31	36	33	15	7	8	36	-
Nine Occupants	131	19	21	24	23	13	8	5	17	1
Ten Occupants or More	191	15	32	45	28	13	14	13	31	-
Mean Number of Occupants	5.849	5.230	5.519	6.008	5.894	6.234	6.252	6.482	6.694	9.000
<b>Tubay</b>										
Total	2,653	399	744	573	577	118	59	27	156	-
One Occupant	77	23	27	7	12	3	2	1	2	-
Two Occupants	160	56	38	24	24	5	4	2	7	-
Three Occupants	286	65	89	51	51	12	8	-	10	-
Four Occupants	380	52	135	77	57	18	13	6	22	-
Five Occupants	453	63	155	106	78	16	10	3	22	-
Six Occupants	381	47	110	91	83	18	5	4	23	-
Seven Occupants	294	48	55	80	74	11	5	3	18	-
Eight Occupants	266	22	63	64	79	14	6	3	15	-
Nine Occupants	136	11	26	32	48	4	2	1	12	-
Ten Occupants or More	220	12	46	41	71	17	4	4	25	-
Mean Number of Occupants	5.747	4.729	5.344	5.986	6.433	6.263	5.305	6.111	6.577	-

## AGUSAN DEL NORTE

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)								
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	Not Reported
R.T. Romualdez										
Total	1,890	133	548	339	286	150	156	117	161	-
One Occupant	46	4	18	5	6	4	4	2	3	-
Two Occupants	128	16	43	22	15	9	9	6	8	-
Three Occupants	237	21	72	39	35	21	18	17	14	-
Four Occupants	276	15	99	48	41	17	21	16	19	-
Five Occupants	312	22	77	59	48	30	29	22	25	-
Six Occupants	294	20	84	59	45	24	19	18	25	-
Seven Occupants	197	13	55	37	30	12	19	9	22	-
Eight Occupants	189	11	51	31	32	15	22	11	16	-
Nine Occupants	89	6	17	19	16	8	6	7	10	-
Ten Occupants or More	122	5	32	20	18	10	9	9	19	-
Mean Number of Occupants	5.550	5.090	5.308	5.617	5.682	5.600	5.635	5.615	6.205	-

## 1990 CENSUS OF POPULATION AND HOUSING

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>AGUSAN DEL NORTE (including Butuan City)</b>								
Total	83,067	77,728	2,944	2,023	318	24	27	3
Owned/Being Amortized	68,365	65,828	1,610	732	172	7	14	2
Rented	5,452	3,802	745	815	84	2	4	-
Being Occupied for Free With Consent of Owner	8,817	7,684	582	467	61	15	7	1
Being Occupied for Free Without Consent of Owner	433	414	7	9	1	-	2	-
<b>URBAN</b>								
Total	39,411	34,776	2,497	1,801	295	22	19	1
Owned/Being Amortized	30,016	27,860	1,333	652	155	7	8	1
Rented	4,539	2,989	688	773	84	1	4	-
Being Occupied for Free With Consent of Owner	4,587	3,677	469	367	55	14	5	-
Being Occupied for Free Without Consent of Owner	269	250	7	9	1	-	2	-
<b>RURAL</b>								
Total	43,656	42,952	447	222	23	2	8	2
Owned/Being Amortized	38,349	37,968	277	80	17	-	6	1
Rented	913	813	57	42	-	1	-	-
Being Occupied for Free With Consent of Owner	4,230	4,007	113	100	6	1	2	1
Being Occupied for Free Without Consent of Owner	164	164	-	-	-	-	-	-

## AGUSAN DEL NORTE

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

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>AGUSAN DEL NORTE (including Butuan City)</b>								
Total	83,067	77,728	2,944	2,023	318	24	27	3
Owned/Being Amortized	68,365	65,828	1,610	732	172	7	14	2
Rented	5,452	3,802	745	815	84	2	4	-
Being Occupied for Free With Consent of Owner	8,817	7,684	582	467	61	15	7	1
Being Occupied for Free Without Consent of Owner	433	414	7	9	1	-	2	-
<b>Buenavista:</b>								
Total	7,158	6,993	109	33	21	-	-	2
Owned/Being Amortized	6,186	6,086	67	19	12	-	-	2
Rented	208	168	21	11	8	-	-	-
Being Occupied for Free With Consent of Owner	584	559	21	3	1	-	-	-
Being Occupied for Free Without Consent of Owner	180	180	-	-	-	-	-	-
<b>Butuan City</b>								
Total	40,621	36,692	2,102	1,553	240	12	22	-
Owned/Being Amortized	31,890	30,057	1,144	550	126	3	10	-
Rented	3,699	2,393	592	651	59	-	4	-
Being Occupied for Free With Consent of Owner	4,935	4,164	359	343	54	9	6	-
Being Occupied for Free Without Consent of Owner	97	78	7	9	1	-	2	-
<b>Cabadbaran</b>								
Total	8,397	8,052	216	113	11	4	1	-
Owned/Being Amortized	6,915	6,757	112	40	6	-	-	-
Rented	599	492	45	59	2	1	-	-
Being Occupied for Free With Consent of Owner	880	800	59	14	3	3	1	-
Being Occupied for Free Without Consent of Owner	3	3	-	-	-	-	-	-
<b>Carmen</b>								
Total	2,834	2,805	15	12	2	-	-	-
Owned/Being Amortized	2,591	2,582	6	2	1	-	-	-
Rented	59	51	3	5	-	-	-	-
Being Occupied for Free With Consent of Owner	184	172	6	5	1	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-
<b>Jabonga</b>								
Total	3,213	3,183	5	20	2	-	3	-
Owned/Being Amortized	2,837	2,817	5	10	2	-	3	-
Rented	50	49	-	1	-	-	-	-
Being Occupied for Free With Consent of Owner	324	315	-	9	-	-	-	-
Being Occupied for Free Without Consent of Owner	2	2	-	-	-	-	-	-
<b>Kitcharao</b>								
Total	2,392	2,375	9	5	3	-	-	-
Owned/Being Amortized	2,248	2,238	4	3	3	-	-	-
Rented	19	15	2	2	-	-	-	-
Being Occupied for Free With Consent of Owner	125	122	3	-	-	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-

## 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/Agriculture	Institutional Living Quarters	Other Housing Unit	Not Reported
<b>Las Nieves</b>								
Total	2,641	2,637	3	-	1	-	-	-
Owned/Being Amortized	2,360	2,356	3	-	1	-	-	-
Rented	6	6	-	-	-	-	-	-
Being Occupied for Free With Consent of Owner	132	132	-	-	-	-	-	-
Being Occupied for Free Without Consent of Owner	143	143	-	-	-	-	-	-
<b>Magallanes</b>								
Total	2,815	2,672	110	32	-	-	-	1
Owned/Being Amortized	2,199	2,156	35	8	-	-	-	-
Rented	188	174	8	6	-	-	-	-
Being Occupied for Free With Consent of Owner	427	341	67	18	-	-	-	1
Being Occupied for Free Without Consent of Owner	1	1	-	-	-	-	-	-
<b>Nasipit</b>								
Total	6,146	5,582	335	191	30	8	-	-
Owned/Being Amortized	5,083	4,772	202	91	14	4	-	-
Rented	480	316	73	76	14	1	-	-
Being Occupied for Free With Consent of Owner	580	491	60	24	2	3	-	-
Being Occupied for Free Without Consent of Owner	3	3	-	-	-	-	-	-
<b>Santiago</b>								
Total	2,224	2,153	4	61	6	-	-	-
Owned/Being Amortized	1,997	1,983	-	6	5	-	-	-
Rented	60	55	-	4	1	-	-	-
Being Occupied for Free With Consent of Owner	166	114	1	51	-	-	-	-
Being Occupied for Free Without Consent of Owner	1	1	-	-	-	-	-	-
<b>Tubay</b>								
Total	2,700	2,683	15	1	1	-	-	-
Owned/Being Amortized	2,382	2,371	9	1	1	-	-	-
Rented	15	14	1	-	-	-	-	-
Being Occupied for Free With Consent of Owner	302	297	5	-	-	-	-	-
Being Occupied for Free Without Consent of Owner	1	1	-	-	-	-	-	-
<b>R.T. Romualdez</b>								
Total	1,926	1,901	21	2	1	-	1	-
Owned/Being Amortized	1,677	1,653	20	2	1	-	1	-
Rented	69	69	-	-	-	-	-	-
Being Occupied for Free With Consent of Owner	178	177	1	-	-	-	-	-
Being Occupied for Free Without Consent of Owner	2	2	-	-	-	-	-	-

## AGUSAN DEL NORTE

Table 8. 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
AGUSAN DEL NORTE (including Butuan City)	68,365	25,210	11,874	29,867	1,414
URBAN	30,016	11,919	8,065	8,960	1,072
RURAL	38,349	13,291	3,809	20,907	342
Buenavista	6,186	2,477	442	3,205	62
Urban	2,269	1,178	322	708	61
Rural	3,917	1,299	120	2,497	1
Butuan City	31,890	11,668	6,667	12,407	1,148
Urban	17,649	6,540	4,603	5,519	987
Rural	14,241	5,128	2,064	6,888	161
Cabadbaran	6,915	2,522	947	3,439	7
Urban	1,883	855	525	498	5
Rural	5,032	1,667	422	2,941	2
Carmen	2,591	711	311	1,525	44
Urban	625	227	182	216	-
Rural	1,966	484	129	1,309	44
Jabonga	2,837	897	239	1,625	76
Urban	326	117	103	106	-
Rural	2,511	780	136	1,519	76
Kitcharao	2,248	956	207	1,084	1
Urban	1,026	492	149	385	-
Rural	1,222	464	58	699	1
Las Nieves	2,360	1,277	63	1,008	12
Urban	116	116	-	-	-
Rural	2,244	1,161	63	1,008	12
Magallanes	2,199	685	813	701	-
Urban	1,488	538	701	249	-
Rural	711	147	112	452	-
Nasipit	5,083	1,995	1,656	1,384	48
Urban	2,857	1,181	1,293	379	4
Rural	2,226	814	363	1,005	44
Santiago	1,997	526	229	1,238	4
Urban	914	269	144	498	3
Rural	1,083	257	85	740	1
Tubay	2,382	658	153	1,569	2
Urban	454	154	29	269	2
Rural	1,928	504	124	1,300	-
R.T. Romualdez	1,677	838	147	682	10
Urban	409	252	14	133	10
Rural	1,268	586	133	549	-

## 1990 CENSUS OF POPULATION AND HOUSING

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						
		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.)	Not Reported
AGUSAN DEL NORTE (including Butuan City)	68,365	20.2	64.5	13.1	.5	1.4	.3	.1
URBAN	30,016	25.6	57.8	13.4	.8	1.9	.4	.1
RURAL	38,349	16.2	69.6	12.8	.2	1.1	.2	-
Buenvista	6,186	23.2	61.3	11.5	.3	3.1	.6	-
Butuan City	31,890	22.5	59.8	15.4	.7	1.2	.3	-
Cabedbaran	6,915	11.9	75.0	10.7	.1	1.9	.3	-
Carmen	2,591	17.9	71.3	7.8	-	2.6	.3	-
Jabonga	2,837	18.7	75.0	6.0	-	-	.3	-
Kitcharao	2,248	14.2	71.5	14.0	-	.3	-	-
Las Nieves	2,360	21.1	72.2	4.8	-	1.6	.3	-
Magallanes	2,199	21.5	63.3	14.7	.4	-	-	-
Nasipit	5,083	26.2	55.6	16.2	.2	1.4	-	.4
Santiago	1,997	14.2	66.9	14.0	1.7	1.4	1.0	.6
Tubay	2,382	14.8	79.4	4.5	-	.8	.5	-
R.T. Romualdez	1,677	7.4	77.7	14.3	-	.7	-	-



## AGUSAN DEL NORTE

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	REPORTED SOURCES OF FINANCING						
		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
AGUSAN DEL NORTE (including Butuan City)	67,144	93.8	1.5	.4	.8	2.1	.8	.7
URBAN	29,301	90.1	2.7	.5	1.6	3.1	1.1	.8
RURAL	37,836	96.5	.7	.2	.1	1.3	.7	.6
Buenvista	5,960	93.7	1.6	.8	1.6	2.0	-	.4
Butuan City	31,380	93.1	2.2	.5	.4	2.0	1.6	.2
Cabadbaran	6,762	97.8	.7	-	.2	.3	.5	.6
Carmen	2,514	99.1	-	-	-	-	-	.9
Jabonga	2,828	92.8	.7	-	-	4.8	-	1.7
Kitcharao	2,242	86.8	.3	-	-	12.3	-	.7
Las Nieves	2,315	97.7	-	-	-	.8	-	1.6
Magallanes	2,199	93.4	1.3	-	-	-	-	1.7
Nasipit	4,994	93.2	1.5	.8	-	2.2	.2	2.0
Santiago	1,934	94.7	2.8	-	-	-	-	2.5
Tubay	2,352	85.7	.6	-	8.6	3.2	1.4	.4
R.T. Romualdez	1,666	100.0	-	-	-	-	-	-

## 1990 CENSUS OF POPULATION AND HOUSING

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)									
		Below 50	50 - 99	100 - 149	150 - 199	200 - 299	300 - 499	500 - 699	700 - 999	1,000 and Over	Not Reported
AGUSAN DEL NORTE (including Butuan City)	5,452	13.1	18.5	20.0	14.3	11.1	10.7	3.9	1.9	6.0	.5
URBAN	4,539	9.3	16.8	20.0	15.4	12.3	12.2	4.6	2.0	7.0	.6
RURAL	913	37.0	29.6	19.7	7.3	3.8	1.3	-	1.3	-	-
Buenavista	208	24.4	23.2	18.3	17.1	11.0	6.1	-	-	-	-
Butuan City	3,699	7.2	13.1	18.8	16.2	13.5	13.4	5.6	2.8	9.0	.2
Cabadbaran	699	20.2	31.1	24.3	6.4	7.5	7.5	1.6	-	-	1.6
Carmen	59	61.4	-	38.6	-	-	-	-	-	-	-
Jabonga	50	24.4	-	75.6	-	-	-	-	-	-	-
Kitcharao	19	60.6	-	-	39.4	-	-	-	-	-	-
Las Nieves	6	100.0	-	-	-	-	-	-	-	-	-
Magallanes	188	23.7	39.9	22.7	4.5	-	4.5	-	-	-	4.5
Nasipit	480	21.8	30.4	17.9	15.7	8.9	5.2	-	-	-	-
Santiago	60	27.1	37.5	35.4	-	-	-	-	-	-	-
Tubay	15	100.0	-	-	-	-	-	-	-	-	-
R.T. Romualdez	69	20.8	43.8	18.8	16.7	-	-	-	-	-	-

## AGUSAN DEL NORTE

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
AGUSAN DEL NORTE (including Butuan City)									
Total	2,885	1,428	5	1,379	580	3	1,506	848	2
Type of Building									
Single House	2,664	1,281	3	1,180	450	1	1,484	831	2
Duplex	52	44	-	42	36	-	10	8	-
Multi-unit Residential	39	60	2	34	53	2	5	7	-
Commercial/Industrial/Agricultural	122	37	-	118	36	-	4	1	-
Institutional Living Quarters	3	2	-	2	2	-	1	-	-
Other Housing Unit	5	4	-	3	3	-	2	1	-
Not Reported	-	-	-	-	-	-	-	-	-
Construction Materials of the Roof									
Galvanized Iron/Aluminum	797	360	3	506	239	2	291	121	1
Tile/Concrete/Clay Tile	22	9	-	13	4	-	9	5	-
Half G.I. and Half Concrete	11	5	-	8	3	-	3	2	-
Wood	122	94	-	27	17	-	95	77	-
Cogon/Nipa/Anahaw	1,888	926	2	801	295	1	1,087	631	1
Makeshift/Salvaged/Improvised	7	3	-	4	1	-	3	2	-
Asbestos/Others	38	31	-	20	21	-	18	10	-
Not Reported	-	-	-	-	-	-	-	-	-
Construction Materials of the Outer Walls									
Concrete/Brick/Stone	172	49	-	124	36	-	48	13	-
Wood	1,988	874	1	959	380	-	1,019	494	1
Half Concrete/Brick/Stone & Half Wood	184	73	2	127	60	2	57	13	-
Galvanized Iron/Aluminum	7	3	-	5	1	-	2	2	-
Bamboo/Sawali/Cogon/Nipa	384	349	1	85	80	-	299	289	1
Makeshift/Salvaged/Improvised	69	20	-	34	12	-	35	8	-
Asbestos/Glass/Others	61	55	1	22	29	1	39	26	-
No Walls/Not Reported	20	5	-	13	2	-	7	3	-
Year Built									
1986-1990	965	488	1	461	186	1	504	302	-
1981-1985	569	260	1	256	97	1	313	163	-
1971-1980	346	188	-	183	94	-	163	94	-
1961-1970	144	98	-	86	60	-	58	38	-
1951-1960	39	27	1	25	16	1	14	11	-
1950 or Earlier	15	5	-	13	4	-	2	1	-
Not Applicable	90	13	-	51	4	-	39	9	-
Don't Know/Not Reported	717	349	2	304	119	-	413	230	2
Condition (State of Repair)									
Needs No Repair/Needs Minor Repair	1,559	850	4	794	363	3	765	487	1
Needs Major Repair	803	420	1	320	169	-	483	251	1
Dilapidated/Condemned	224	29	-	118	12	-	106	17	-
Under Renovation/Being Repaired	50	14	-	19	3	-	31	11	-
Under Construction	89	16	-	49	7	-	40	9	-
Unfinished Construction	160	99	-	79	26	-	81	73	-
Not Reported	-	-	-	-	-	-	-	-	-
Floor Area of the Housing Unit									
less than 10 square meters	842	481	1	389	189	-	453	292	1
10-19 square meters	783	462	-	286	154	-	497	308	-
20-29 square meters	498	215	1	242	94	1	256	121	-
30-49 square meters	364	126	2	193	61	1	171	65	1
50-69 square meters	131	41	-	82	26	-	49	15	-
70-89 square meters	78	28	-	53	18	-	25	10	-
90-119 square meters	42	19	-	24	14	-	18	5	-
120 square meters and over	147	56	1	110	24	1	37	32	-
Not Reported	-	-	-	-	-	-	-	-	-

# **APPENDICES**

## **APPENDIX A**

### **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



## **APPENDIX C**

### **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

## APPENDIX D

### 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

# APPENDIX E

<b>CPH FORM 1</b> <b>May 1, 1990</b>  NSCB Approval No. A0477-R191-MS  Expires on - December 31, 1990	Republic of the Philippines <b>NATIONAL STATISTICS OFFICE</b> Manila  <b>1990 Census</b> <i>of</i> <b>Population and Housing</b>  <b>LISTING BOOKLET</b>	<b>CONFIDENTIALITY</b>  This census is authorized by Commonwealth Act No. 591 and B.P. Blg. 72.  All information is held strictly <b>CONFIDENTIAL</b> .			
<b>GEOGRAPHIC IDENTIFICATION</b>					
Province		<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/>		
City/Municipality		<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/>		
Barangay		<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/>		
Enumeration Area No.		<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/>		
Random Start					
No. of Sample Households		<input style="width: 80px; height: 20px;" type="text"/>			
Total Listing Pages Used					
<b>PROCESSING RECORD</b>					
	ACTIVITY	DATE		SIGNATURE OF PERSON RESPONSIBLE	REMARKS
		Started	Finished		
EN	Listing and Enumeration				
T	Receipt				
S	Verification of Computation of Sheet Totals				
C	Receipt				
A	Verification of Geographic Identification				
S	Verification of Questionnaires vs. Listing				









**APPENDIX F**

<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="width: 40px; height: 20px; margin: auto;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>			
City/Municipality _____	<table border="1" style="width: 40px; height: 20px; margin: auto;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>			
Barangay _____	<table border="1" style="width: 60px; height: 20px; margin: auto;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>			
Enumeration Area No. ....	<table border="1" style="width: 40px; height: 20px; margin: auto;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>			
CB Building Serial No. ....	<table border="1" style="width: 60px; height: 20px; margin: auto;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>			
Building Serial No. ....	<table border="1" style="width: 60px; height: 20px; margin: auto;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>			
Housing Unit Serial No. ....	<table border="1" style="width: 60px; height: 20px; margin: auto;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>			
Household Serial No. ....	<table border="1" style="width: 60px; height: 20px; margin: auto;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>			
Line Number of Respondent .....	<table border="1" style="width: 40px; height: 20px; margin: auto;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></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>Who is the head of this household? Who are the persons usually residing here as of May 1, 1990?</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>What is _____'s relationship to the household head?</p> <p>ENTER APPROPRIATE CODE LISTED BELOW.</p>	<p>Date of Birth</p> <p>ENTER MONTH AND YEAR.</p>	<p>What is _____'s age as of his/her last birthday?</p> <p>IF AGE IS LESS THAN ONE YEAR, ENTER '00'.</p>	<p>1 M 2 F 3 F 4 F 5 F 6 F</p> <p>EN-CIRCLE CODE</p>	<p>What is _____'s marital status?</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>What is _____'s religious affiliation?</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><b>Codes for P3, Relationship to Household Head</b></p> <p>01 Head 02 Spouse 03 Son 04 Daughter 05 Stepson 06 Stepdaughter 07 Son-in-law 08 Daughter-in-law 09 Grandson 10 Granddaughter</p>	<p><b>Codes for P8, Religious Affiliation</b></p> <p>00 None 01 Roman Catholic 02 Aglipay 03 Islam 04 Iglesia ni Cristo 05 United Churches of Christ in the Phil. Others, specify</p>
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APPENDIX F

CENSUS QUESTIONS

PERSONS				5 YEARS OLD AND OVER			LINE NUMBER
Citizenship		Disability		Residence 5 Years Ago	Literacy	Highest Educational Attainment	
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?	In what city/municipality and province did _____ reside on May 1, 1985? 7 Foreign Country 8 Same City/Municipality 9 Unknown	Can _____ read & write a simple message in any language or dialect?	What is the highest grade/year completed by _____?	
ENCIRCLE CODE 1 Yes, SKIP TO P11. 2 No	ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.	ENCIRCLE CODE 1 Yes 2 No, SKIP TO P17.	ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.	IF ANOTHER CITY/MUNICIPALITY, SPECIFY THE CITY/MUN. AND PROVINCE.	ENCIRCLE CODE 1 Yes 2 No	ENTER APPROPRIATE CODE LISTED BELOW. IF GRADUATE OF POST-SECONDARY OR COLLEGE COURSE, SPECIFY FIELD OF STUDY.	
(P9)	(P10)	(P11)	(P12)	(P17)	(P19)	(P22)	
1 Y 2 N		1 Y 2 N			1 Y 2 N		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
Codes for P10, Country of Citizenship		Codes for P12, Disability		Codes for P22, Highest Educational Attainment			
01 People's Republic of China 02 U S A 03 Indonesia 04 India 05 Japan 06 Iran 07 Australia 08 United Kingdom Others, specify		1 Blindness 2 Deafness 3 Muteness 4 Deafness/Muteness 5 Speech Impairment 6 Mental Illness 7 Mental Retardation 8 Orthopedic Handicap 9 Multiple Disability 0 Others, specify		0000 No Grade Completed 0100 Pre-school ELEMENTARY HIGH SCHOOL COLLEGE 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 1600 Grade 6 or 7 3500 5th Year			

# 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> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 45%;">SQUARE METERS</th> <th style="width: 45%;">SQUARE FEET</th> </tr> </thead> <tbody> <tr><td>01</td><td>less than 10</td><td>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> </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> <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><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: 200px;">         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;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;">1 Yes</th> <th style="width: 10%;">2 No</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>A. Radio/Radio cassette</td> <td></td> <td></td> <td></td> <td><input style="width: 30px;" type="text"/></td> </tr> <tr> <td>B. Television</td> <td></td> <td></td> <td></td> <td><input style="width: 30px;" type="text"/></td> </tr> <tr> <td>C. Refrigerator/Freezer</td> <td></td> <td></td> <td></td> <td><input style="width: 30px;" type="text"/></td> </tr> <tr> <td>D. Telephone</td> <td></td> <td></td> <td></td> <td><input style="width: 30px;" type="text"/></td> </tr> <tr> <td>E. Motor vehicle</td> <td></td> <td></td> <td></td> <td><input style="width: 30px;" type="text"/></td> </tr> </tbody> </table>			1 Yes	2 No		A. Radio/Radio cassette				<input style="width: 30px;" type="text"/>	B. Television				<input style="width: 30px;" type="text"/>	C. Refrigerator/Freezer				<input style="width: 30px;" type="text"/>	D. Telephone				<input style="width: 30px;" type="text"/>	E. Motor vehicle				<input style="width: 30px;" type="text"/>			
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<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	<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;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;">1 Yes</th> <th style="width: 10%;">2 No</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>A. Other residential land(s)</td> <td></td> <td></td> <td></td> <td><input style="width: 30px;" type="text"/></td> </tr> <tr> <td>B. Agricultural land(s)</td> <td></td> <td></td> <td></td> <td><input style="width: 30px;" type="text"/></td> </tr> <tr> <td>C. Other land(s)</td> <td></td> <td></td> <td></td> <td><input style="width: 30px;" type="text"/></td> </tr> </tbody> </table>			1 Yes	2 No		A. Other residential land(s)				<input style="width: 30px;" type="text"/>	B. Agricultural land(s)				<input style="width: 30px;" type="text"/>	C. Other land(s)				<input style="width: 30px;" type="text"/>	
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**APPENDIX G**

<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. Big. 72.</p> <p>All information is held strictly <b>CONFIDENTIAL</b>.</p>
<p><b>GEOGRAPHIC IDENTIFICATION</b></p>		
<p>Booklet _____ of _____ booklets</p>		
Province _____	_____	[ ][ ]
City/Municipality _____	_____	[ ][ ]
Barangay _____	_____	[ ][ ]
Enumeration Area No. ....	.....	[ ][ ]
CB Building Serial No. ....	.....	[ ][ ]
Building Serial No. ....	.....	[ ][ ]
Housing Unit Serial No. ....	.....	[ ][ ]
Household Serial No. ....	.....	[ ][ ]
Line Number of Respondent .....	.....	[ ][ ]
Name of Household Head _____	_____	
Address _____	_____	
<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 G

LINE NUMBER	NAME		POPULATION ALL																																
	Relationship to HH Head	Age	Sex	Marital Status	Religious Affiliation																														
	<p>Who is the head of this household? Who are the persons usually residing here as of May 1, 1990?</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>What is _____'s relationship to the household head?</p> <p>ENTER APPROPRIATE CODE LISTED BELOW.</p>	<p>Date of Birth</p> <p>ENTER MONTH AND YEAR.</p>	<p>What is _____'s age as of his/her last birthday?</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>What is _____'s marital status?</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>What is _____'s religious affiliation?</p> <p>ENTER APPROPRIATE CODE LISTED BELOW.</p> <p>IF OTHERS, SPECIFY.</p>																												
	(P1)	(P2)	(P3)	(P4)	(P5)	(P6)	(P7)	(P8)																											
01			0,1	Mo. _____ Yr. _____		1 M 2 F																													
02				Mo. _____ Yr. _____		1 M 2 F																													
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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>Codes for P3, Relationship to Household Head</p> <table border="0"> <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>Codes for P8, Religious Affiliation</p> <table border="0"> <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 Chnst 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 Chnst in the Phil	Others, specify
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APPENDIX G

CENSUS QUESTIONS

PERSONS					5 YEARS OLD AND OVER			LINE NUMBER
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 1 Yes, SKIP TO P11. 2 No	ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.	ENCIRCLE CODE 1 Yes 2 No, SKIP TO P13.	ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.	ENTER APPROPRIATE CODE LISTED BELOW IF OTHERS, SPECIFY.	7 Foreign country 8 Same city/municipality 9 Unknown  IF ANOTHER CITY/MUN., SPECIFY CITY/ MUNICIPALITY AND PROVINCE.	ENTER '0' IF SINCE BIRTH.  OTHERWISE, ENTER MONTH AND YEAR.		
(P9)	(P10)	(P11)	(P12)	(P13)	(P14)	(P15)	(P16)	
1 Y		1 Y					Mo. _____	01
2 N		2 N					Yr. _____	
1 Y		1 Y					Mo. _____	02
2 N		2 N					Yr. _____	
1 Y		1 Y					Mo. _____	03
2 N		2 N					Yr. _____	
1 Y		1 Y					Mo. _____	04
2 N		2 N					Yr. _____	
1 Y		1 Y					Mo. _____	05
2 N		2 N					Yr. _____	
1 Y		1 Y					Mo. _____	06
2 N		2 N					Yr. _____	
1 Y		1 Y					Mo. _____	07
2 N		2 N					Yr. _____	
1 Y		1 Y					Mo. _____	08
2 N		2 N					Yr. _____	
<b>Codes for P10, Country of Citizenship</b> 01 People's Republic of China 02 U. S. A. 03 Indonesia 04 India 05 Japan 06 Iran 07 Australia 08 United Kingdom Others, specify			<b>Codes for P12, Disability</b> 1 Blindness 2 Deafness 3 Muteness 4 Deafness/Muteness 5 Speech Impairment 6 Mental Illness 7 Mental Retardation 8 Orthopedic Handicap 9 Multiple Disability 0 Others, specify		<b>Codes for P13, Mother Tongue</b> 01 Tagalog 02 Cebuano 03 Hiligaynon 04 Ilocano 05 Ibanago 06 Pampango 07 Pangasinan 08 Waray 09 Bicol 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
	In what city/ municipality did _____ reside on May 1, 1985?	Is _____ able to speak Tagalog/ Filipino?	Can _____ read & write a simple message in any language or dialect?	Did _____ attend school at anytime from June 1989 to March 1990?	In what city/municipality did _____ attend school?	What is the highest grade/year completed by _____?	What was _____'s usual activity/occupation during the past twelve months?	In what kind of business or industry did _____ work during the past twelve months?
	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.  Examples: 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, SKIP 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		



APPENDIX G

CENSUS QUESTIONS											LINE NUMBER
OLD AND OVER						FOR FEMALES 15-49 YEARS					
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</i> have a job or business during the past seven days?  EN-CIRCLE CODE 1 Yes 2 No, SKIP TO P29.	<i>What was</i> activity/occupation during the past seven days?  DESCRIBE OCCUPATION AS FULLY AS POSSIBLE.	<i>In what kind of</i> business or industry did work during the past seven days?  DESCRIBE INDUSTRY AS FULLY AS POSSIBLE.	<i>In what city/municipality did</i> work during the past seven days? 7 Foreign Country 8 Same City/Municipality 9 Unknown  IF ANOTHER CITY/MUN., SPECIFY CITY/MUN. AND PROVINCE. SKIP TO P32.	<i>Was</i> available for work during the past seven days?  EN-CIRCLE CODE 1 Yes 2 No, SKIP TO P32.	<i>Did</i> looked for work during the past seven days?  EN-CIRCLE CODE 1 Yes, SKIP TO P32 2 No	<i>Why did</i> not look for work?  ENTER APPROPRIATE CODE LISTED BELOW.  IF OTHERS, SPECIFY.	<i>How many</i> children have been born alive to -----?	<i>How many</i> are still living?	<i>How many</i> children were born alive to from May 1, 1989 to April 30, 1990?	<i>What was</i> age at first marriage?  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> <p>1 Believe no work available      6 Too young, too old or retired, 2 Awaiting results of previous      permanent disability job application                      7 Housekeeping 3 Temporary illness/disability      8 Schooling 4 Bad weather                          9 Others, specify 5 Waiting for rehire/job recall</p>						<p>REMARKS:</p>					

# 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> <p>1 Single house                  2 Duplex                  3 Multi-unit residential (3 units or more)                  4 Commercial/Industrial/Agricultural (office, factory, ricemill, 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 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: 10%;"></th> <th style="width: 45%; text-align: center;">SQUARE METERS</th> <th style="width: 45%; text-align: center;">SQUARE FEET</th> </tr> </thead> <tbody> <tr><td>01</td><td style="text-align: center;">Less than 10</td><td style="text-align: center;">Less than 100</td></tr> <tr><td>02</td><td style="text-align: center;">10 - 19</td><td style="text-align: center;">108 - 209</td></tr> <tr><td>03</td><td style="text-align: center;">20 - 29</td><td style="text-align: center;">210 - 317</td></tr> <tr><td>04</td><td style="text-align: center;">30 - 49</td><td style="text-align: center;">318 - 532</td></tr> <tr><td>05</td><td style="text-align: center;">50 - 69</td><td style="text-align: center;">533 - 748</td></tr> <tr><td>06</td><td style="text-align: center;">70 - 89</td><td style="text-align: center;">749 - 963</td></tr> <tr><td>07</td><td style="text-align: center;">90 - 119</td><td style="text-align: center;">964 - 1286</td></tr> <tr><td>08</td><td style="text-align: center;">120 - 149</td><td style="text-align: center;">1287 - 1609</td></tr> <tr><td>09</td><td style="text-align: center;">150 - 199</td><td style="text-align: center;">1610 - 2147</td></tr> <tr><td>10</td><td style="text-align: center;">200 and over</td><td style="text-align: center;">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 100	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
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<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>H1 TO H3 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>H1 FUEL FOR LIGHTING</b></p> <p style="text-align: center;"><i>What kind of fuel does this household use for lighting?</i></p> <p>1 Electricity                  2 Kerosene (gaas)                  3 Liquefied petroleum gas (LPG)                  4 Oil (vegetable, animal, etc.)                  5 Others, specify _____</p> <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>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> <p>1 Electricity                  2 Kerosene (gaas)                  3 Liquefied petroleum gas (LPG)                  4 Charcoal                  5 Wood                  6 Others, specify _____                  7 None</p> <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> <p>1 Own use, faucet, community water system                  2 Shared, faucet, community water system                  3 Own use, tubed/piped deep well (at least 100 feet or 30 meters deep)                  4 Shared, tubed/piped deep well (at least 100 feet or 30 meters deep)                  5 Tubed/piped shallow well                  6 Dug well                  7 Spring, lake, river, rain, etc.                  8 Peddler</p> <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 Dont 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 Dont know																						
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# 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 H8  
 4 Being occupied for free without consent of owner → ENTER CODE, GO TO H8

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: 30px;" type="text"/>
B. Government assistance: PAG-IBIG, GSIS, SSS, DBP, etc.	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" type="text"/>
C. Private banks/foundations/cooperatives	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" type="text"/>
D. Employer assistance	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" type="text"/>
E. Private persons	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" type="text"/>
F. Others, specify _____	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" 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 H9  
 4 Being occupied for free without consent of owner → ENTER CODE, GO TO H9

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: 30px;" type="text"/>
B. Television	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" type="text"/>
C. Refrigerator/Freezer	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" type="text"/>
D. Telephone	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" type="text"/>
E. Motor Vehicle	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" 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: 30px;" type="text"/>
B. Agricultural land(s)	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" type="text"/>
C. Other land(s)	1 Yes	2 No	ENTER CODE	<input style="width: 30px;" 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