

1990 Census of Population and Housing

REPORT NO. 4 - 20 J: HOUSING STATISTICS

06927c3

BUTUAN CITY



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/Improved Materials
8. Others

Construction Materials of the Outer Walls

The kind of materials used are as follows:

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

Condition of Building (State of Repair)

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

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

4. Under renovation/being repaired - This building was fully constructed and finished but being repaired at the time of the census for some deterioration or damage. Also included are buildings being renovated to make additional structures or to modify/repair existing structures.
5. Under construction - Construction work was started but not yet completed and still going on.

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

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

Year Building/House was Built

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

Floor Area of the Housing Unit

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

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

Tenure Status of the Housing Unit

The housing unit may be:

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

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

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

Tenure Status of the Lot

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

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

Mode of Acquisition of Housing Unit

A housing unit may be acquired on the following terms:

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

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

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

Sources of Financing

The different sources of financing are:

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

Monthly Rental of Housing Unit and/or Lot

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

PHILIPPINES 1990

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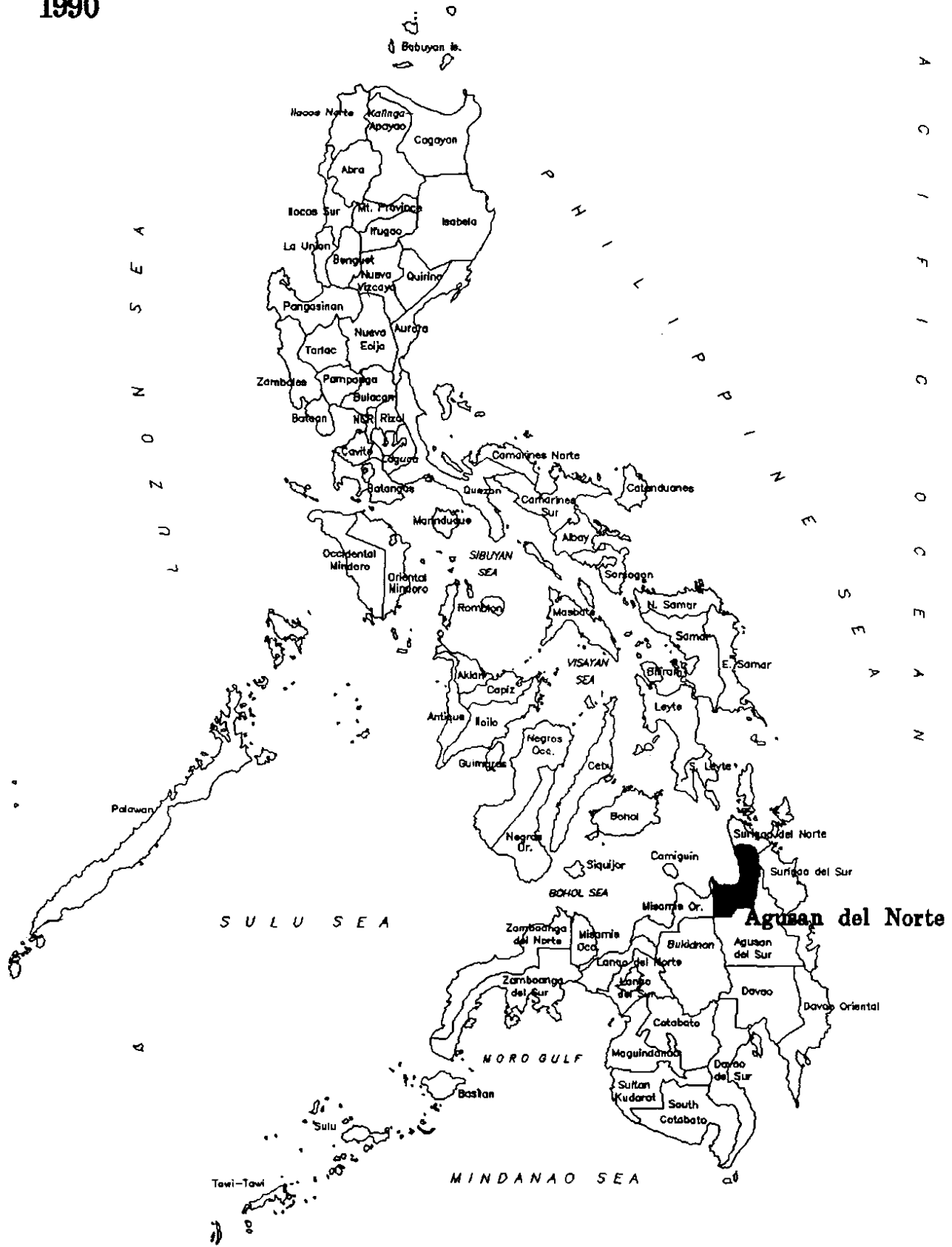
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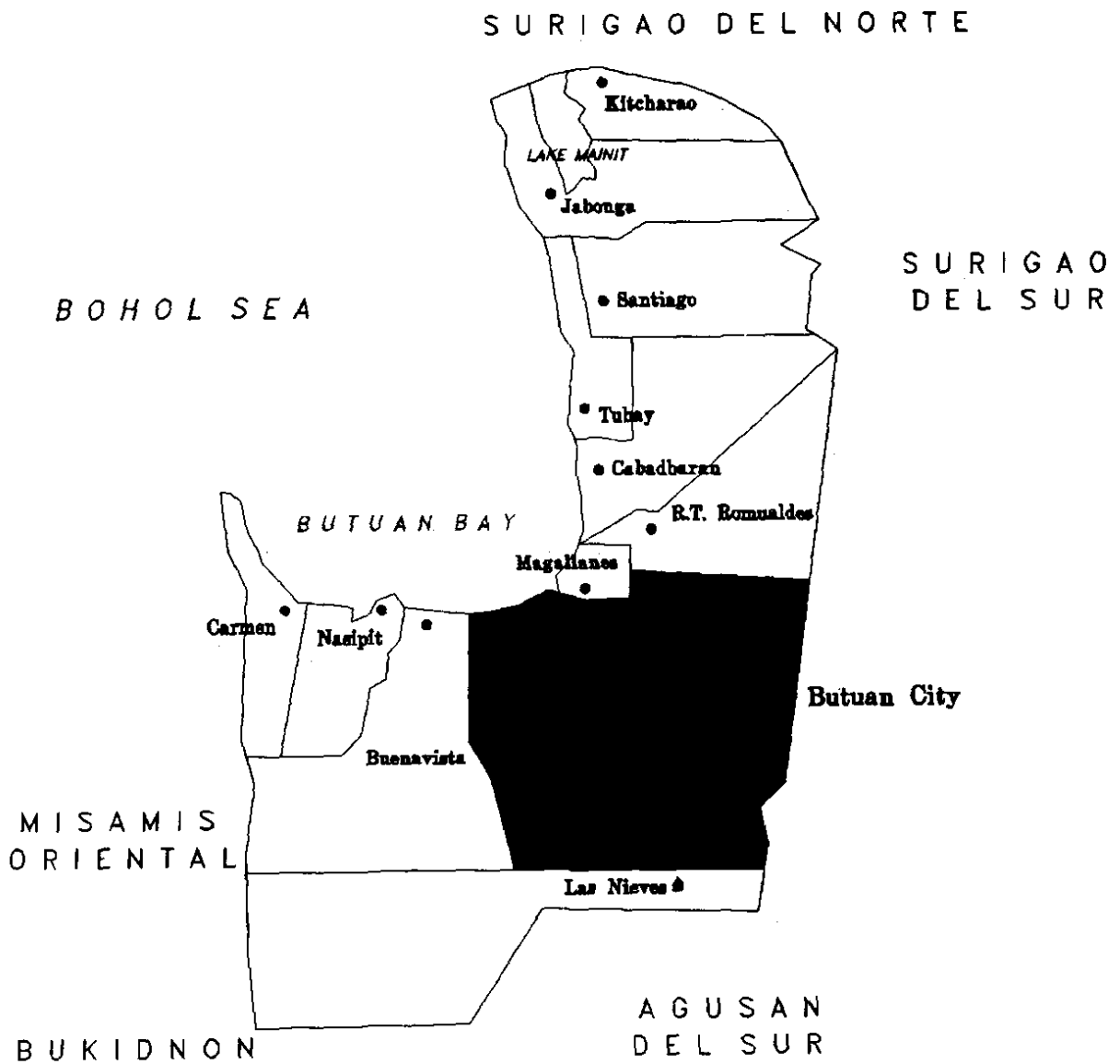
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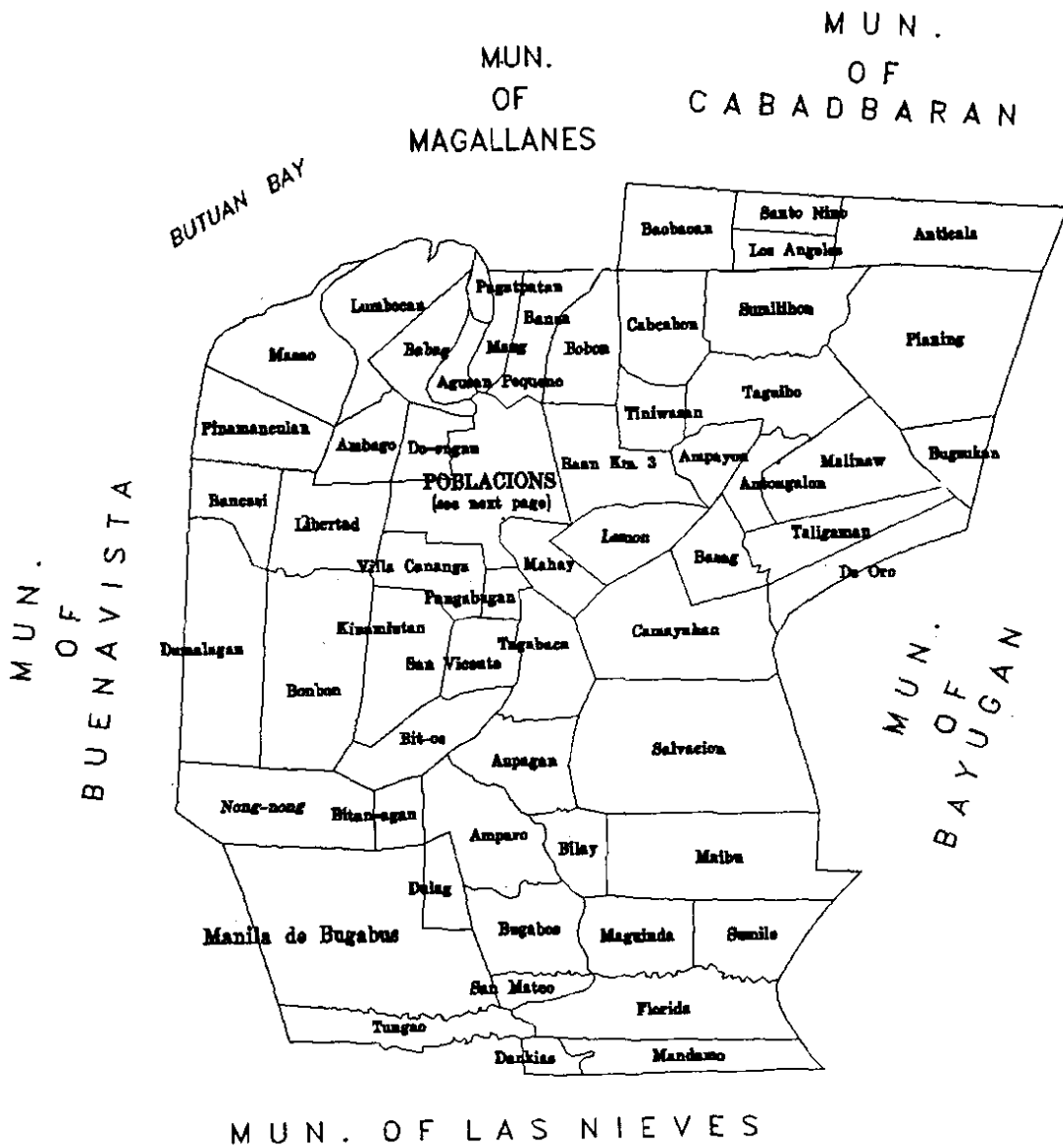
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MAP OF AGUSAN DEL NORTE



MAP OF BUTUAN CITY



MAP OF BUTUAN CITY (Poblacions)



HIGHLIGHTS

- Butuan City has a total of 39,338 occupied housing units in 1990 for 40,621 households giving a ratio of 1.033 households per housing unit.
- Majority of the housing units were built of cogon, nipa, or anahaw for roofing (59.3 percent) and wood for outer walls (78.6 percent). The proportion of housing units that do not need repair, or if at all a minor one only, is comparatively high at 67.5 percent.
- More than three-fifths of the housing units are of recent construction, that is, built after 1980.
- Census results also show that 68.9 percent of the housing units in Butuan City are with limited floor area of less than 30 square meters. About 19.6 percent measure 30-69 square meters, while 11.5 percent are spacious units (70 square meters and over).
- Of the 40,621 households in the city, 78.5 percent own their housing units, 36.6 percent of which also own the lot where the unit is erected.
- Among those who own their housing units, 93.1 percent constructed their houses from own resources; 2.2 percent with funds from government financing schemes; and 2.5 percent through private persons or banks.

BUTUAN CITY

Table 1. Housing Units, Occupied and Vacant, by Barangay: 1990

Barangay	Total Housing Units	Occupied	Vacant
BUTUAN CITY	40,687	39,338	1,349
Agusan Pequeno	731	715	16
Ambago	422	393	29
Amparo	274	267	7
Ampayon	1,258	1,233	25
Anticala	510	483	27
Antongalon	551	551	-
Aupagan	250	244	6
Baan Km. 3	707	695	12
Babag	201	197	4
Bancasi	490	430	60
Banza	465	456	9
Baobaoan	170	161	9
Barangay 1 - Maon	523	503	20
Barangay 2 - Golden Ribbon	843	833	10
Barangay 3 - Agao	228	224	4
Barangay 4 - Rajah Soliman	162	161	1
Barangay 5 - Silongan	234	216	18
Barangay 6 - D. Silang	312	310	2
Barangay 7 - Dagohoy	352	311	41
Barangay 8 - Lapu-lapu	319	311	8
Barangay 9 - Urduja	85	85	-
Barangay 10 - Sikatuna	99	99	-
Barangay 11 - Humabon	106	101	5
Barangay 12 - Tandang Sora	800	769	31
Barangay 13 - Leon Kilat	121	119	2
Barangay 14 - Limaha	1,313	1,294	19
Barangay 15 - San Ignacio	741	714	27
Barangay 16 - Ong Yiu	1,041	1,032	9
Barangay 17 - New Asia	1,206	1,084	122
Barangay 18 - Obrero	1,211	1,181	30
Barangay 19 - Buhangin	660	657	3
Barangay 20 - Baan Riverside	961	940	21
Barangay 21 - Mahogany	532	523	9
Barangay 22 - Bading	811	798	13
Barangay 23 - Holy Redeemer	1,000	998	2
Barangay 24 - Imadejas	275	273	2
Barangay 25 - Jose Rizal	1,031	1,001	30
Barangay 26 - New Society Village	282	273	9
Barangay 27 - Bayanihan	493	442	51
Basag	444	416	28
Bilay	369	361	8
Bitan-agan	206	200	6
Bit-os	337	328	9
Bobon	154	153	1
Bonbon	444	429	15
Bugabus	234	219	15
Bugsukan	201	174	27
Cabcabon	238	236	2
Camayanan	276	276	-
Dankias	177	167	10
De Oro	221	215	6
Do-ongan	794	764	30
Dulag	190	187	3
Dumalagan	268	250	18
Florida	475	461	14
Kinamlutan	276	268	8
Lemon	203	203	-
Libertad	2,224	2,030	194
Los Angeles	578	553	25
Lumbocan	717	700	17
Maguinda	684	681	3
Mahay	352	351	1
Maibu	156	144	12
Mandamo	128	117	11
Manila De Bugabus	570	570	-
Mesao	227	223	4
Maug	451	444	7
Nong-nong	64	63	1
Pagatpatan	234	230	4
Panagabugan	378	372	6
Pianing	213	201	12

1990 CENSUS OF POPULATION AND HOUSING

Table 1. Housing Units, Occupied and Vacant, by Barangay: 1990 - Continued

Barangay	Total Housing Units	Occupied	Vacant
Pinamanculan	391	383	8
Salvacion	162	155	7
San Mateo	188	176	12
San Vicente	759	747	12
Sto. nino	321	315	6
Sumile	347	347	-
Sumilihon	544	534	10
Tagabaca	392	392	-
Taguibo	579	554	25
Taligaman	421	405	16
Tiniwasan	328	324	4
Tungao	1,505	1,452	53
Villa Cananga	497	491	6

BUTUAN CITY

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

Type of Building and Area Classification	Occupied Housing Units	Households	Household Population	RATIO	
				Households to Occupied Housing Units	Household Population to Occupied Housing Units
BUTUAN CITY					
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	5.398
Institutional Living Quarters	12	12	50	1.000	4.167
Other Housing Unit	20	22	88	1.100	4.400
Not Reported	-	-	-	-	-
URBAN					
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	-	-	-	-	-
RURAL					
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	-	-	-	-	-

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

Construction Materials of the Outer Walls	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/Improved	Asbestos/Others	Not Reported
BUTUAN CITY									
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/Improved	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	-	-	-

1990 CENSUS OF POPULATION AND HOUSING

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

Year Built	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
BUTUAN CITY								
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

Table 5. 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	Institutional Living Quarters	Other Housing Unit	Not Reported
BUTUAN CITY								
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	-
URBAN								
Total	22,776	19,765	1,596	1,162	228	11	14	-
One Household	21,957	19,192	1,459	1,058	225	11	12	-
Two Households	601	440	103	54	2	-	2	-
Three Households	152	96	22	33	1	-	-	-
Four Households	43	25	8	10	-	-	-	-
Five Households	16	8	4	4	-	-	-	-
Six Households or More	7	4	-	3	-	-	-	-
Mean Number of Households	1.050	1.038	1.117	1.158	1.018	1.000	1.143	-
RURAL								
Total	16,562	16,045	309	193	8	1	6	-
One Household	16,439	15,935	299	190	8	1	6	-
Two Households	108	98	10	-	-	-	-	-
Three Households	12	12	-	-	-	-	-	-
Four Households	1	-	-	1	-	-	-	-
Five Households	1	-	-	1	-	-	-	-
Six Households or More	1	-	-	1	-	-	-	-
Mean Number of Households	1.009	1.008	1.032	1.073	1.000	1.000	1.000	-

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Table 6. 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)								Not Reported
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	
BUTUAN CITY										
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
URBAN										
Total	22,776	3,706	5,786	4,478	3,175	1,909	1,007	692	2,022	1
One Occupant	528	164	126	62	53	31	26	15	51	-
Two Occupants	1,285	316	343	226	141	93	39	23	104	-
Three Occupants	2,418	561	670	463	294	144	96	52	138	-
Four Occupants	3,349	621	904	642	466	244	138	88	246	-
Five Occupants	3,743	609	1,005	732	506	298	169	124	300	-
Six Occupants	3,479	518	899	694	519	299	161	103	285	1
Seven Occupants	2,692	377	687	533	359	270	129	92	245	-
Eight Occupants	2,158	261	507	464	317	218	90	69	232	-
Nine Occupants	1,072	133	237	226	183	113	46	30	104	-
Ten Occupants or More	2,052	146	408	436	337	199	113	96	317	-
Mean Number of Occupants	5.868	5.061	5.619	6.025	6.136	6.229	6.135	6.519	6.599	6.000
RURAL										
Total	16,562	3,999	5,633	3,500	2,069	562	270	158	371	-
One Occupant	409	166	131	52	39	10	3	4	4	-
Two Occupants	1,136	394	369	199	104	29	18	8	15	-
Three Occupants	1,905	607	595	372	183	57	33	20	38	-
Four Occupants	2,529	676	864	528	277	75	37	23	49	-
Five Occupants	2,628	631	902	540	328	84	44	29	70	-
Six Occupants	2,339	500	827	532	294	73	39	19	55	-
Seven Occupants	1,908	391	674	435	245	65	30	20	48	-
Eight Occupants	1,596	312	571	361	232	56	26	9	29	-
Nine Occupants	827	140	285	186	135	36	12	12	21	-
Ten Occupants or More	1,285	182	415	295	232	77	28	14	42	-
Mean Number of Occupants	5.656	5.029	5.686	5.871	6.156	6.263	5.837	5.684	6.084	-

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Table 7. 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
BUTUAN CITY								
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	-
URBAN								
Total	23,913	20,525	1,783	1,346	232	11	16	-
Owned/Being Amortized	17,649	16,088	947	482	123	3	6	-
Rented	3,250	2,034	544	609	59	-	4	-
Being Occupied for Free With Consent of Owner	2,928	2,336	285	246	49	8	4	-
Being Occupied for Free Without Consent of Owner	86	67	7	9	1	-	2	-
RURAL								
Total	16,708	16,167	319	207	8	1	6	-
Owned/Being Amortized	14,241	13,969	197	68	3	-	4	-
Rented	449	359	48	42	-	-	-	-
Being Occupied for Free With Consent of Owner	2,007	1,828	74	97	5	1	2	-
Being Occupied for Free Without Consent of Owner	11	11	-	-	-	-	-	-

BUTUAN CITY

Table 8. Owner-Households in Occupied Housing Units by Tenure Status of Lot, Urban-Rural: 1990

Tenure Status of Lot	Total	Urban	Rural
BUTUAN CITY			
Total	31,890	17,649	14,241
Owned/Being Amortized	11,668	6,540	5,128
Rented	6,667	4,603	2,064
Being Occupied for Free With Consent of Owner	12,407	5,519	6,888
Being Occupied for Free Without Consent of Owner	1,148	987	161

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

Mode of Acquisition of the Housing Unit	Total	Urban	Rural
BUTUAN CITY			
Total	31,890	17,649	14,241
Purchased	22.5	27.2	17.0
Constructed by the Owner/Occupants With or Without Help of Friends/Relatives	59.8	55.9	64.4
Constructed by Hired/Skilled Workers	15.4	14.0	17.0
Constructed by an Organized Contractor	.7	1.1	.2
Inherited	1.2	1.4	1.1
Others (Lottery, gift, etc.)	.3	.4	.3
Not Reported	-	-	.1

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

Reported Sources of Financing	Total	Urban	Rural
BUTUAN CITY			
Total	31,380	17,341	14,037
Own Resources/Interest-Free Loans From Relatives/Friends	93.1	90.7	95.9
Government Assistance: PAG-IBIG, GSIS, SSS, DBP etc.	2.2	3.7	.6
Private Banks/Foundations/Cooperatives	.5	.5	.4
Employer Assistance	.4	.5	.3
Private Persons	2.0	2.6	1.4
Other Sources	1.6	1.7	1.4
Not Reported	.2	.4	.1

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

Monthly Rental of Housing Unit	Total	Urban	Rural
BUTUAN CITY			
Total	3,699	3,250	449
Below 50	7.2	4.9	29.4
50 - 99	13.1	12.8	16.3
100 - 149	18.8	18.0	26.7
150 - 199	16.2	16.2	16.3
200 - 299	13.5	14.0	8.4
300 - 499	13.4	14.8	-
500 - 699	5.6	6.2	-
700 - 999	2.8	2.8	2.9
1,000 and Over	9.0	9.9	-
Not Reported	.2	.3	-

BUTUAN CITY

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

Characteristics of Housing Unit	Vacant	Occasio- nally Used	Used by Households Not Eligible for Enumeration
BUTUAN CITY			
Total	1,349	679	2
Type of Building			
Single House	1,156	571	-
Duplex	35	25	-
Multi-unit Residential	33	46	2
Commercial/Industrial/Agricultural	118	32	-
Institutional Living Quarters	3	1	-
Other Housing Unit	4	4	-
Not Reported	-	-	-
Construction Materials of the Roof			
Galvanized Iron/Aluminum	488	222	2
Tile/Concrete/Clay Tile	11	4	-
Half G.I. and Half Concrete	7	3	-
Wood	42	40	-
Cogon/Nipa/Anahaw	781	392	-
Makeshift/Salvaged/Improvised	4	2	-
Asbestos/Others	16	16	-
Not Reported	-	-	-
Construction Materials of the Outer Walls			
Concrete/Brick/Stone	116	35	-
Wood	991	493	-
Half Concrete/Brick/Stone & Half Wood	91	43	2
Galvanized Iron/Aluminum	6	2	-
Bamboo/Sawali/Cogon/Nipa	83	82	-
Makeshift/Salvaged/Improvised	35	15	-
Asbestos/Glass/Others	21	6	-
No Walls/Not Reported	6	3	-
Year Built			
1986-1990	501	259	1
1981-1985	286	129	-
1971-1980	183	105	-
1961-1970	78	60	-
1951-1960	23	14	1
1950 or Earlier	10	1	-
Not Applicable	31	7	-
Don't Know/Not Reported	237	104	-
Condition (State of Repair)			
Needs No Repair/Needs Minor Repair	817	417	2
Needs Major Repair	349	200	-
Dilapidated/Condemned	76	16	-
Under Renovation/Being Repaired	10	5	-
Under Construction	29	10	-
Unfinished Construction	68	31	-
Not Reported	-	-	-
Floor Area of the Housing Unit			
less than 10 square meters	444	238	-
10-19 square meters	315	199	-
20-29 square meters	209	113	-
30-49 square meters	137	65	1
50-69 square meters	72	16	-
70-89 square meters	44	12	-
90-119 square meters	21	8	-
120 square meters and over	107	28	1
Not Reported	-	-	-

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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

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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

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APPENDIX C

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

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APPENDIX D

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APPENDIX D

LIST OF UNPUBLISHED TABLES - POPULATION (continued)

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APPENDIX E

<p>CPH FORM 1 May 1, 1990</p> <p>NSCB Approval No. A0477-R191-MS</p> <p>Expires on - December 31, 1990</p>	<p>Republic of the Philippines NATIONAL STATISTICS OFFICE Manila</p> <p>-1990 Census <i>of</i> Population and Housing</p> <p>LISTING BOOKLET</p>	<p>CONFIDENTIALITY:</p> <p>This census is authorized by Commonwealth Act No. 591 and B.P. Blg. 72.</p> <p>All information is held strictly CONFIDENTIAL.</p>
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GEOGRAPHIC IDENTIFICATION

Province _____				
City/Municipality _____				
Barangay _____				
Enumeration Area No.				
Random Start				
No. of Sample Households				
Total Listing Pages Used				

PROCESSING RECORD

	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>CPH FORM 2 MAY 1, 1990</p> <p>NSCB Approval No. A0477-R192-MS</p> <p>Expires on - December 31, 1990</p>	<p>Republic of the Philippines NATIONAL STATISTICS OFFICE Manila</p> <p>1990 Census <i>of</i> Population and Housing</p> <p>COMMON HOUSEHOLD QUESTIONNAIRE</p>	<p>CONFIDENTIALITY:</p> <p>This census is authorized by Commonwealth Act No. 591 and B. P. Blg. 72.</p> <p>All information is held strictly CONFIDENTIAL.</p>
<p>GEOGRAPHIC IDENTIFICATION</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>(House No. and Street Name or Name of Sitio)</p>		
<p>CERTIFICATION</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		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 A L E</p> <p>2 F E M A L E</p> <p>ENCIRCLE 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>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 Christ in the Phil.</td></tr> <tr><td>Others, specify</td></tr> </table>				00 None	01 Roman Catholic	02 Aglipay	03 Islam	04 Iglesia ni Cristo	05 United Churches of Christ in the Phil.	Others, specify
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APPENDIX F

CENSUS QUESTIONS								
PERSONS				5 YEARS OLD AND OVER				
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 disabil- ity?	What type of dis- ability 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 dia- lect?	What is the highest grade/year completed by _____?		
ENIRCLE CODE 1 Yes. SKIP TO P11. 2 No	ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.	ENIRCLE 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.	ENIRCLE 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		1 Y			1 Y			01
2 N		2 N			2 N			
1 Y		1 Y			1 Y			02
2 N		2 N			2 N			
1 Y		1 Y			1 Y			03
2 N		2 N			2 N			
1 Y		1 Y			1 Y			04
2 N		2 N			2 N			
1 Y		1 Y			1 Y			05
2 N		2 N			2 N			
1 Y		1 Y			1 Y			06
2 N		2 N			2 N			
1 Y		1 Y			1 Y			07
2 N		2 N			2 N			
1 Y		1 Y			1 Y			08
2 N		2 N			2 N			

Codes for P10, Country of Citizenship	Codes for P12, Disability	Codes for P22, Highest Educational Attainment		
01 People's Republic of China 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

HOUSING CENSUS QUESTIONS																																																																																						
<p>B1 TO B4 ARE TO BE ANSWERED BY MERE OBSERVATION. IF DOUBTFUL, ASK THE RESPONDENT.</p> <p>B1 TYPE OF BUILDING/HOUSE</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> <hr/> <p>B2 CONSTRUCTION MATERIAL OF THE ROOF</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> <hr/> <p>B3 CONSTRUCTION MATERIAL OF THE OUTER WALLS</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> <hr/> <p>B4 STATE OF REPAIR</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> <hr/> <p>B5 IS TO BE ASKED FROM ANY HOUSEHOLD IN THE BUILDING/HOUSE.</p> <p>B5 YEAR BUILDING/HOUSE WAS BUILT</p> <p style="text-align: center;"><i>When was this building/house built?</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">01 1990</td> <td style="width: 50%;">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> </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>D1 IS TO BE ASKED FROM ANY HOUSEHOLD IN THIS HOUSING UNIT.</p> <p>D1 FLOOR AREA OF THIS HOUSING UNIT</p> <p style="text-align: center;"><i>What is the estimated floor area of this housing unit ?</i></p> <table style="width: 100%; border: none;"> <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> <hr/> <p style="text-align: center;">H4, H7, H11 AND H12 ARE TO BE ANSWERED BY ALL HOUSEHOLDS.</p> <p>H4 TENURE STATUS OF THE HOUSING UNIT</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> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p> <p style="text-align: right; margin-right: 50px;">ENTER CODE, GO TO H11</p> <hr/> <p>H7 TENURE STATUS OF THE LOT</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> <hr/> <p>H11 PRESENCE OF HOUSEHOLD CONVENIENCES</p> <p style="text-align: center;"><i>Does this household have the following household conveniences in working condition?</i></p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%;">1 Yes</th> <th style="width: 20%;">2 No</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>A. 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APPENDIX G

<p>CPH FORM 3 MAY 1, 1990</p> <p>NSCB Approval No. A0477-R193-MS</p> <p>Expires on December 31, 1990</p>	<p>Republic of the Philippines NATIONAL STATISTICS OFFICE Manila</p> <p><i>1990 Census</i> <i>of</i> <i>Population and Housing</i></p> <p>SAMPLE HOUSEHOLD QUESTIONNAIRE</p>	<p>CONFIDENTIALITY:</p> <p>This census is authorized by Commonwealth Act No. 591 and B. P. Blg. 72.</p> <p>All information is held strictly CONFIDENTIAL.</p>																																																																																																														
<p>GEOGRAPHIC IDENTIFICATION</p> <p style="text-align: right;">Booklet _____ of _____ booklets</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Province _____</td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> </tr> <tr> <td>City/Municipality _____</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Barangay _____</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Enumeration Area No.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CB Building Serial No.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Building Serial No.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Housing Unit Serial No.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Household Serial No.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Line Number of Respondent</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="10">Name of Household Head _____</td> </tr> <tr> <td colspan="10">Address _____ (House No. and Street Name or Name of Sitio)</td> </tr> </table>			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 _____ (House No. and Street Name or Name of Sitio)									
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APPENDIX G

LINE NUMBER	NAME		POPULATION					
			ALL					
		Relationship to HH Head	Age	Sex	Marital Status	Religious Affiliation		
	<i>Who is the head of this household? Who are the persons usually residing here as of May 1, 1990?</i>	<i>What is _____'s relationship to the household head?</i>	<i>Date of Birth</i>	<i>What is _____'s age as of his/her last birthday?</i>	1 M A L E 2 F E M A L E EN- CIRCLE CODE	<i>What is _____'s marital status?</i> ENTER CODE 1 Single 2 Married 3 Widowed 4 Divorced/ Separated 5 Others 6 Unknown FOR PERSONS BELOW 10 YEARS OLD ENTER '1'.	<i>What is _____'s religious affiliation?</i> ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.	
	LIST IN THIS ORDER (FAMILY NAME FIRST) 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 (BE SURE TO INCLUDE BABIES AND ELDERLY PERSONS AND MEMBERS OF HOUSEHOLDS TEMPORARILY AWAY ON VACATION, ON BUSINESS, IN THE HOSPITAL, ETC.) ENCIRCLE LINE NO. OF RESPONDENT	ENTER 1 IF OVERSEAS WORKER 2 IF OTHERWISE.	ENTER MONTH AND YEAR.	IF AGE IS LESS THAN ONE YEAR, ENTER '00'.				
	(P1)	(P2)	(P3)	(P4)	(P5)	(P6)	(P7)	(P8)
01			0,1	Mo. _____ Yr. _____		1 M 2 F		
02				Mo. _____ Yr. _____		1 M 2 F		
03				Mo. _____ Yr. _____		1 M 2 F		
04				Mo. _____ Yr. _____		1 M 2 F		
05				Mo. _____ Yr. _____		1 M 2 F		
06				Mo. _____ Yr. _____		1 M 2 F		
07				Mo. _____ Yr. _____		1 M 2 F		
08				Mo. _____ Yr. _____		1 M 2 F		

ARE THERE MORE THAN 8 MEMBERS IN THIS HOUSEHOLD?

1 Yes, USE ANOTHER BOOKLET

2 No

Codes for P3, Relationship to Household Head

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

Codes for P8, Religious Affiliation

00 None
01 Roman Catholic
02 Aglipay
03 Islam
04 Iglesia ni Cristo
05 United Churches of Christ in the Phil
Others, specify

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CENSUS QUESTIONS								LINE NUMBER
PERSONS					5 YEARS OLD AND OVER			
Citizenship		Disability		Mother Tongue	Mother's Usual Residence	Previous Residence		
<i>Is _____ a citizen of the Phil.?</i>	<i>What country is _____ a citizen of?</i>	<i>Does _____ have any physical or mental disability?</i>	<i>What type of disability does _____ have?</i>	<i>What was _____'s dialect/ language spoken at earliest childhood?</i>	<i>Where was _____'s mother's usual residence at the time of his/ her birth?</i>	<i>In what city/ municipality did _____ live before moving to this place?</i>	<i>When did _____ move to this city/ municipality?</i>	
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 2 N	<input type="checkbox"/> <input type="checkbox"/>	1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Mo. _____ Yr. _____	01
1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Mo. _____ Yr. _____	02
1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Mo. _____ Yr. _____	03
1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Mo. _____ Yr. _____	04
1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Mo. _____ Yr. _____	05
1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Mo. _____ Yr. _____	06
1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Mo. _____ Yr. _____	07
1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	1 Y 2 N	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Mo. _____ Yr. _____	08
Codes for P10, Country of Citizenship		Codes for P12, Disability		Codes for P13, Mother Tongue				
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		01 Tagalog 02 Cebuano 03 Hiligaynon 04 Ilocano 05 Ibanag 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
	<i>In what city/municipality did _____ reside on May 1, 1985?</i>	<i>Is _____ able to speak Tagalog/Filipino?</i>	<i>Can _____ read & write a simple message in any language or dialect?</i>	<i>Did _____ attend school at anytime from June 1989 to March 1990?</i>	<i>In what city/municipality did _____ attend school?</i>	<i>What is the highest grade/year completed by _____?</i>	<i>What was _____'s usual activity/occupation during the past twelve months?</i>	<i>In what kind of business or industry did _____ work during the past twelve months?</i>
	7 Foreign Country 8 Same City/Municipality 9 Unknown	ENCIRCLE CODE	ENCIRCLE CODE	ENCIRCLE CODE	7 Foreign Country 8 Same City/Municipality 9 Unknown	IF GRADUATE OF POST-SECONDARY OR COLLEGE COURSE, SPECIFY FIELD OF STUDY.	DESCRIBE OCCUPATION AS FULLY AS POSSIBLE. Examples: Palay Farmer Filing Clerk Fruit Vendor Student, etc. IF HOUSEWIFE, STUDENT, OR RETIREE, SKIP TO P25.	DESCRIBE INDUSTRY AS FULLY AS POSSIBLE. 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				

0000 No Grade Completed
0100 Pre-school

Codes for P22, Highest Educational Attainment

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	3500 5th Year
1600 Grade 6 or 7		

APPENDIX G

CENSUS QUESTIONS

OLD AND OVER						FOR FEMALES 15-49 YEARS					LINE NUMBER
Employment Status	Occupation in Past Week	Industry in Past Week	Place of Work	Availability for Work	Looking for Work	Reason for not Looking for Work	Fertility				
Did have a job or business during the past seven days?	What was activity/occupation during the past seven days?	In what kind of business or industry did work during the past seven days?	In what city/ municipality did work during the past seven days? 7 Foreign Country 8 Same City/Municipality 9 Unknown	Was available for work during the past seven days? EN-CIRCLE CODE	Did looked for work during the past seven days? EN-CIRCLE CODE	Why did not look for work? ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.	How many children have been born alive to -----?	How many are still living?	How many children were born alive to from May 1, 1989 to April 30, 1990?	What was age at first marriage?	
1 Yes 2 No, SKIP TO P29.	DESCRIBE OCCUPATION AS FULLY AS POSSIBLE.	DESCRIBE INDUSTRY AS FULLY AS POSSIBLE.	IF ANOTHER CITY/MUN., SPECIFY CITY/MUN. AND PROVINCE. SKIP TO P32.	1 Yes 2 No, SKIP TO P32.	1 Yes, SKIP TO P32 2 No		IF NONE, ENTER '00'.	IF NONE, ENTER '00'.	ENTER ACTUAL NUMBER.	ENTER AGE.	
(P25)	(P26)	(P27)	(P28)	(P29)	(P30)	(P31)	(P32)	(P33)	(P34)	(P35)	
1 Y 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
<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

HOUSING CENSUS QUESTIONS																							
<p>B1 TO B4 ARE TO BE ANSWERED BY MERE OBSERVATION. IF DOUBTFUL, ASK THE RESPONDENT.</p>	<p>D1 IS TO BE ASKED FROM ANY HOUSEHOLD IN THIS HOUSING UNIT.</p>																						
<p>B1 TYPE OF BUILDING/HOUSE</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>D1 FLOOR AREA OF THE HOUSING UNIT</p> <p style="text-align: center;"><i>What is the estimated floor area of this housing unit ?</i></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: left;">SQUARE METERS</th> <th style="width: 50%; text-align: left;">SQUARE FEET</th> </tr> </thead> <tbody> <tr><td>01 Less than 10</td><td>Less than 108</td></tr> <tr><td>02 10 - 19</td><td>108 - 209</td></tr> <tr><td>03 20 - 29</td><td>210 - 317</td></tr> <tr><td>04 30 - 49</td><td>318 - 532</td></tr> <tr><td>05 50 - 69</td><td>533 - 748</td></tr> <tr><td>06 70 - 89</td><td>749 - 963</td></tr> <tr><td>07 90 - 119</td><td>964 - 1286</td></tr> <tr><td>08 120 - 149</td><td>1287 - 1609</td></tr> <tr><td>09 150 - 199</td><td>1610 - 2147</td></tr> <tr><td>10 200 and over</td><td>2148 and over</td></tr> </tbody> </table> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>	SQUARE METERS	SQUARE FEET	01 Less than 10	Less than 108	02 10 - 19	108 - 209	03 20 - 29	210 - 317	04 30 - 49	318 - 532	05 50 - 69	533 - 748	06 70 - 89	749 - 963	07 90 - 119	964 - 1286	08 120 - 149	1287 - 1609	09 150 - 199	1610 - 2147	10 200 and over	2148 and over
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09 150 - 199	1610 - 2147																						
10 200 and over	2148 and over																						
<p>B2 CONSTRUCTION MATERIAL OF THE ROOF</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;">H1 TO H3 ARE TO BE ANSWERED BY ALL HOUSEHOLDS.</p>																						
<p>B3 CONSTRUCTION MATERIAL OF THE OUTER WALLS</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>H1 FUEL FOR LIGHTING</p> <p style="text-align: center;"><i>What kind of fuel does this household use for lighting?</i></p> <p>1 Electricity 2 Kerosene (gas) 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>B4 STATE OF REPAIR</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>H2 FUEL FOR COOKING</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 (gas) 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;">B5 IS TO BE ASKED FROM ANY HOUSEHOLD IN THE BUILDING.</p>	<p>H3 MAIN SOURCE OF DRINKING WATER</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>B5 YEAR BUILDING/HOUSE WAS BUILT</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 style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>										
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04 1987	10 1950 or earlier																						
05 1986	98 Not applicable																						
06 1981-1985	99 Don't know																						

HOUSING CENSUS QUESTIONS

H4 TO H13 ARE TO BE ANSWERED BY ALL HOUSEHOLDS.

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

1 Owned/Being amortized
 2 Rented → ENTER CODE, GO TO H8
 3 Being occupied for free with consent of owner → ENTER CODE, GO TO 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 type="text"/>
B. Government assistance: PAG-IBIG, GSIS, SSS, DBP, etc.	1 Yes	2 No	
C. Private banks/foundations/cooperatives	1 Yes	2 No	
D. Employer assistance	1 Yes	2 No	
E. Private persons	1 Yes	2 No	
F. Others, specify _____	1 Yes	2 No	

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 type="text"/>
B. Television	1 Yes	2 No	
C. Refrigerator/Freezer	1 Yes	2 No	
D. Telephone	1 Yes	2 No	
E. Motor Vehicle	1 Yes	2 No	

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

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

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