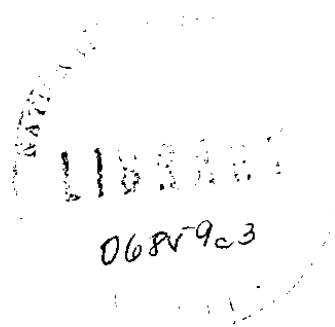


1990 Census of Population and Housing

REPORT NO. 4-85 C: HOUSING STATISTICS



ZAMBALES



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.

PHILIPPINES 1990

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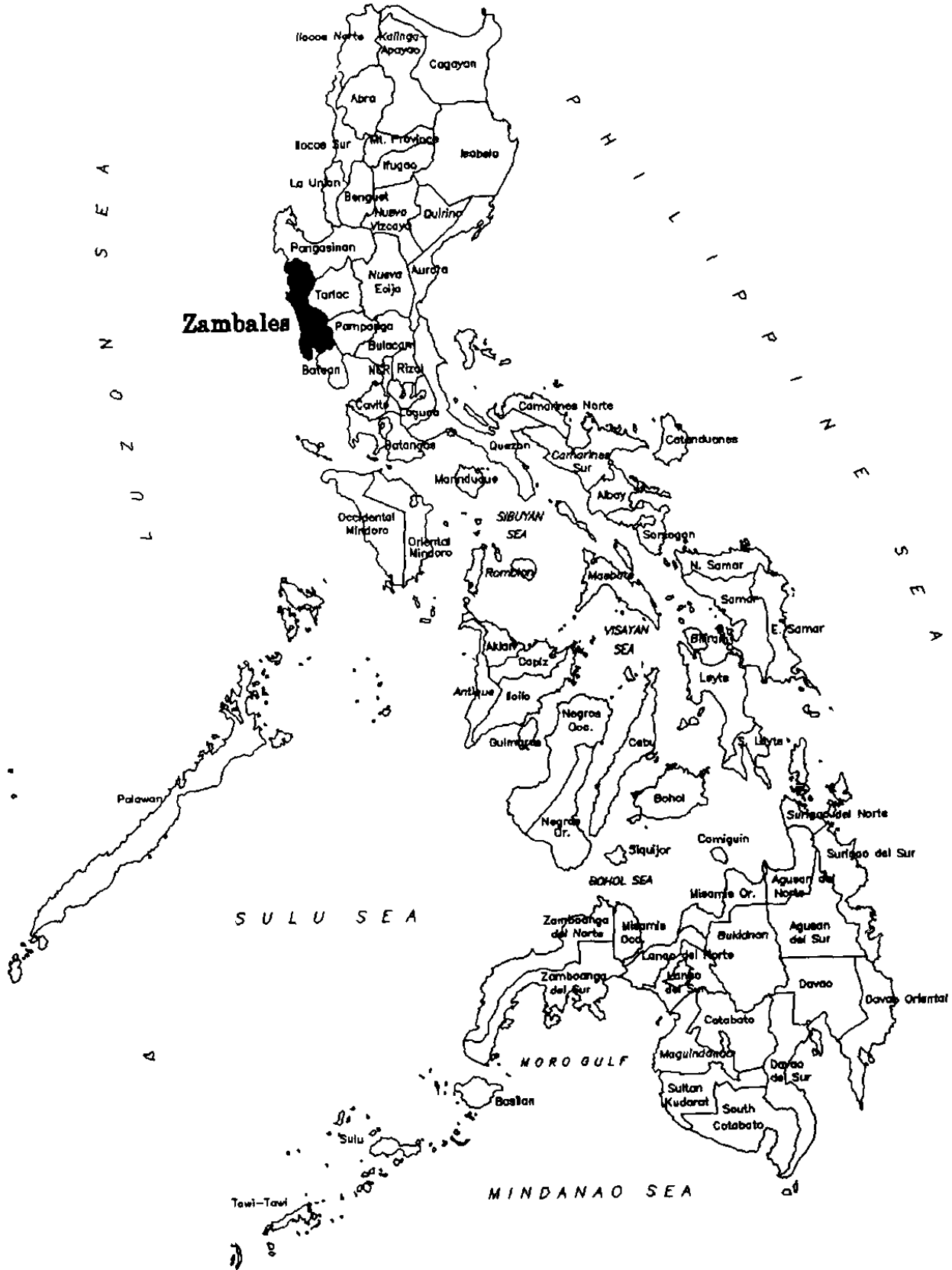
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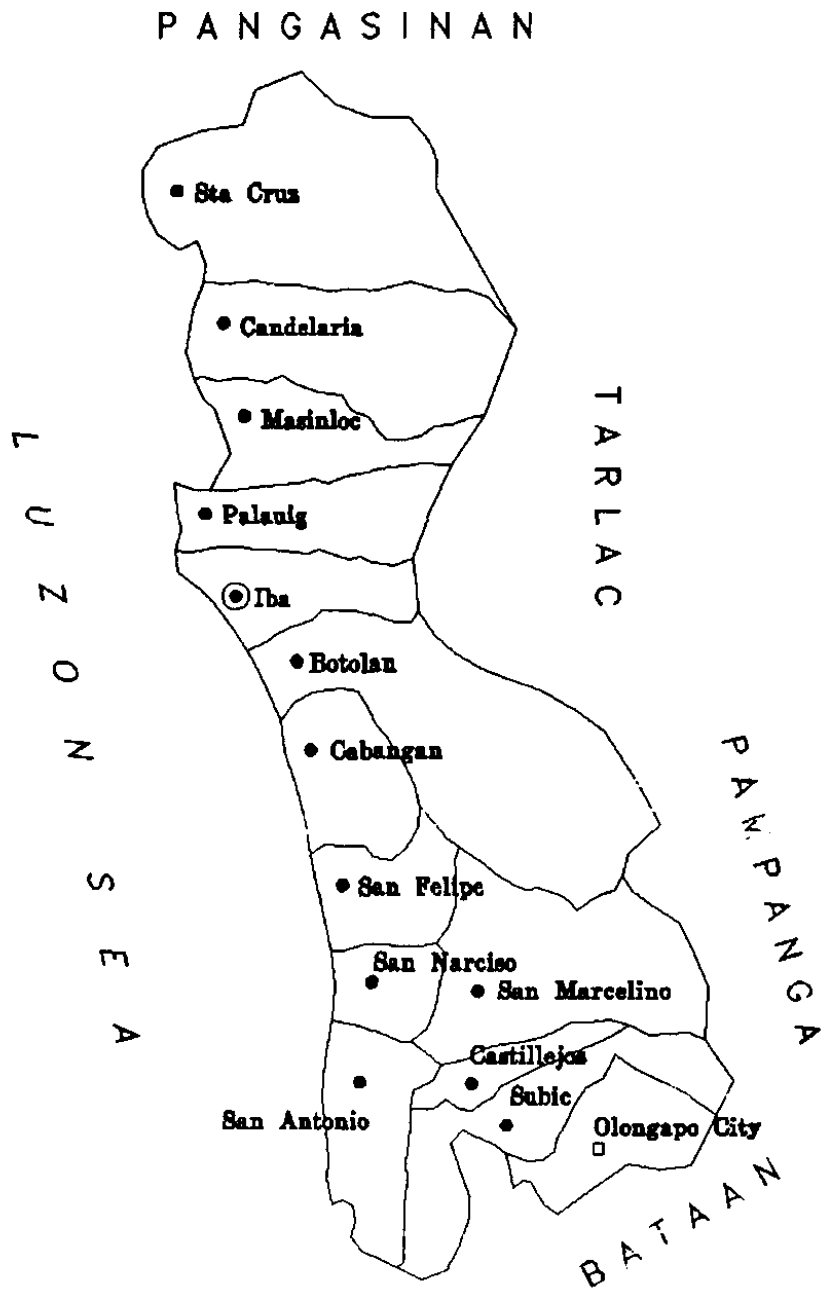
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MAP OF ZAMBALES



HIGHLIGHTS

- The province of Zambales has a total of 113,086 occupied housing units in 1990 for 115,643 households giving a ratio of 1.023 households per housing unit.
- A great majority of the housing units were built of strong materials both for roofing (73.3 percent) and for outer walls (69.6 percent). Thus, the proportion of housing units that do not need repair, or if at all a minor one only, is comparatively high at 71.2 percent.
- Almost one-half of the housing units are of recent construction, that is, built after 1980.
- Census results also show that 64.1 percent of the housing units in Zambales are with limited floor area of less than 30 square meters. About 23.0 percent measure 30-69 square meters, while 12.9 percent are spacious units (70 square meters and over).
- Of the 115,643 households in the province, 70.4 percent own their housing units, 64.9 percent of which 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; 1.2 percent with funds from government financing schemes; and 1.4 percent through private persons or banks.

ZAMBALES

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
ZAMBALES (including Olongapo City)	38,890	37,460	1,430	50,630	57,259	1,371	88,618	85,323	3,295	117,586	113,086	4,500
Botolan	3,191	3,000	191	3,931	3,923	8	5,194	4,992	202	7,049	6,786	263
Cabangan	1,528	1,459	69	1,735	1,730	5	2,397	2,307	90	3,283	3,102	181
Candalaria	1,665	1,638	27	1,892	1,889	3	2,591	2,520	71	3,283	3,185	98
Castillejos	1,893	1,815	78	2,454	2,434	20	3,762	3,620	142	5,528	5,231	297
Iba	2,479	2,386	93	2,987	2,968	19	4,051	3,902	149	5,815	5,430	385
Masinloc	2,743	2,676	67	3,596	3,511	85	4,942	4,801	141	5,979	5,821	158
Olongapo City	7,789	7,719	70	19,980	19,041	939	33,637	32,350	1,287	43,000	41,841	1,159
Palauig	1,880	1,743	137	2,300	2,291	9	2,988	2,903	85	4,032	3,869	163
San Antonio	2,128	2,036	92	3,143	3,084	59	4,752	4,461	291	5,900	5,654	246
San Felipe	1,785	1,763	22	2,230	2,217	13	2,714	2,610	104	3,472	3,233	239
San Marcelino	2,557	2,478	79	3,049	3,017	32	5,155	4,952	203	7,732	7,388	344
San Marciso	2,793	2,623	170	2,999	2,983	16	3,958	3,749	209	5,023	4,753	270
Santa Cruz	3,965	3,720	245	4,791	4,652	139	6,578	6,454	124	7,970	7,638	332
Subic	2,494	2,404	90	3,543	3,519	24	5,899	5,702	197	9,520	9,155	365

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
ZAMBALES (including Olongapo City)					
Total	113,086	115,643	561,554	1.023	4.966
Single House	85,641	87,498	441,403	1.022	5.154
Duplex	6,901	7,095	32,494	1.028	4.709
Multi-unit Residential	19,841	20,315	84,569	1.024	4.262
Commercial/Industrial/Agricultural	573	604	2,542	1.054	4.436
Institutional Living Quarters	17	17	62	1.000	3.647
Other Housing Unit	82	83	338	1.012	4.122
Not Reported	31	31	146	1.000	4.710
URBAN					
Total	75,929	77,925	366,690	1.026	4.829
Single House	50,095	51,476	255,009	1.028	5.091
Duplex	6,212	6,370	28,787	1.025	4.634
Multi-unit Residential	18,941	19,366	79,921	1.022	4.219
Commercial/Industrial/Agricultural	558	589	2,469	1.056	4.425
Institutional Living Quarters	15	15	55	1.000	3.667
Other Housing Unit	79	80	328	1.013	4.152
Not Reported	29	29	121	1.000	4.172
RURAL					
Total	37,157	37,718	194,864	1.015	5.244
Single House	35,546	36,022	186,394	1.013	5.244
Duplex	689	725	3,707	1.052	5.380
Multi-unit Residential	900	949	4,648	1.054	5.164
Commercial/Industrial/Agricultural	15	15	73	1.000	4.867
Institutional Living Quarters	2	2	7	1.000	3.500
Other Housing Unit	3	3	10	1.000	3.333
Not Reported	2	2	25	1.000	12.500
Botolan					
Total	6,786	6,860	35,588	1.011	5.244
Single House	6,706	6,768	35,097	1.009	5.234
Duplex	73	79	425	1.082	5.822
Multi-unit Residential	2	8	43	4.000	21.500
Commercial/Industrial/Agricultural	4	4	18	1.000	4.500
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	5	1.000	5.000
Urban					
Total	614	625	3,262	1.018	5.345
Single House	602	608	3,203	1.010	5.321
Duplex	8	10	50	1.250	6.250
Multi-unit Residential	1	4	20	4.000	20.000
Commercial/Industrial/Agricultural	3	3	9	1.000	3.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	6,172	6,235	32,306	1.010	5.234
Single House	6,104	6,160	31,894	1.009	5.225
Duplex	65	69	375	1.062	5.769
Multi-unit Residential	1	4	23	4.000	23.000
Commercial/Industrial/Agricultural	1	1	9	1.000	9.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	5	1.000	5.000

ZAMBALES

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
Cabangan					
Total	3,102	3,164	15,323	1.020	4.940
Single House	3,060	3,105	15,064	1.015	4.923
Duplex	28	37	175	1.321	6.250
Multi-unit Residential	12	20	73	1.667	6.083
Commercial/Industrial/Agricultural	1	1	8	1.000	8.000
Institutional Living Quarters	1	1	3	1.000	3.000
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Urban					
Total	627	642	3,079	1.024	4.911
Single House	608	619	2,952	1.018	4.855
Duplex	14	17	97	1.214	6.929
Multi-unit Residential	5	6	30	1.200	6.000
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	2,475	2,522	12,244	1.019	4.947
Single House	2,452	2,486	12,112	1.014	4.940
Duplex	14	20	78	1.429	5.571
Multi-unit Residential	7	14	43	2.000	6.143
Commercial/Industrial/Agricultural	1	1	8	1.000	8.000
Institutional Living Quarters	1	1	3	1.000	3.000
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Candelaria					
Total	3,185	3,209	18,512	1.008	5.812
Single House	3,159	3,182	18,393	1.007	5.822
Duplex	18	18	73	1.000	4.056
Multi-unit Residential	7	8	26	1.143	3.714
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	20	1.000	20.000
Urban					
Total	589	600	3,375	1.019	5.730
Single House	587	598	3,369	1.019	5.739
Duplex	-	-	-	-	-
Multi-unit Residential	2	2	6	1.000	3.000
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	2,596	2,609	15,137	1.005	5.831
Single House	2,572	2,584	15,024	1.005	5.841
Duplex	18	18	73	1.000	4.056
Multi-unit Residential	5	6	20	1.200	4.000
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	1	1	20	1.000	20.000

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
Castillejos					
Total	5,231	5,453	26,707	1.042	5.106
Single House	5,075	5,275	25,865	1.039	5.097
Duplex	87	102	480	1.172	5.517
Multi-unit Residential	59	66	317	1.119	5.373
Commercial/Industrial/Agricultural	10	10	45	1.000	4.500
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Urban					
Total	4,124	4,321	21,354	1.048	5.178
Single House	3,974	4,151	20,544	1.045	5.170
Duplex	82	96	457	1.171	5.573
Multi-unit Residential	58	64	308	1.103	5.310
Commercial/Industrial/Agricultural	10	10	45	1.000	4.500
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	1,107	1,132	5,353	1.023	4.836
Single House	1,101	1,124	5,321	1.021	4.833
Duplex	5	6	23	1.200	4.600
Multi-unit Residential	1	2	9	2.000	9.000
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Iba					
Total	5,430	5,621	29,112	1.035	5.361
Single House	5,192	5,376	27,874	1.035	5.369
Duplex	104	105	568	1.010	5.462
Multi-unit Residential	96	100	470	1.042	4.896
Commercial/Industrial/Agricultural	32	34	168	1.063	5.250
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	6	6	32	1.000	5.333
Not Reported	-	-	-	-	-
Urban					
Total	1,796	1,897	9,769	1.056	5.439
Single House	1,663	1,761	9,072	1.059	5.455
Duplex	33	34	176	1.030	5.333
Multi-unit Residential	66	66	342	1.000	5.182
Commercial/Industrial/Agricultural	29	31	153	1.069	5.276
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	5	5	26	1.000	5.200
Not Reported	-	-	-	-	-
Rural					
Total	3,634	3,724	19,343	1.025	5.323
Single House	3,529	3,615	18,802	1.024	5.328
Duplex	71	71	392	1.000	5.521
Multi-unit Residential	30	34	128	1.133	4.267
Commercial/Industrial/Agricultural	3	3	15	1.000	5.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	1	1	6	1.000	6.000
Not Reported	-	-	-	-	-

ZAMBALES

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
Masfloc					
Total	5,821	5,912	32,360	1.016	5.559
Single House	4,990	5,066	27,907	1.015	5.593
Duplex	442	446	2,425	1.009	5.486
Multi-unit Residential	356	366	1,906	1.028	5.354
Commercial/Industrial/Agricultural	11	11	36	1.000	3.273
Institutional Living Quarters	2	2	5	1.000	2.500
Other Housing Unit	20	21	81	1.050	4.050
Not Reported	-	-	-	-	-
Urban					
Total	2,653	2,731	14,886	1.029	5.611
Single House	2,462	2,531	13,920	1.028	5.654
Duplex	127	130	701	1.024	5.520
Multi-unit Residential	36	41	158	1.139	4.389
Commercial/Industrial/Agricultural	7	7	22	1.000	3.143
Institutional Living Quarters	2	2	5	1.000	2.500
Other Housing Unit	19	20	80	1.053	4.211
Not Reported	-	-	-	-	-
Rural					
Total	3,168	3,181	17,474	1.004	5.516
Single House	2,528	2,535	13,987	1.003	5.533
Duplex	315	316	1,724	1.003	5.473
Multi-unit Residential	320	325	1,748	1.016	5.463
Commercial/Industrial/Agricultural	4	4	14	1.000	3.500
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	1	1	1	1.000	1.000
Not Reported	-	-	-	-	-
Olongapo City					
Total	41,841	42,623	192,629	1.019	4.604
Single House	19,398	19,721	97,427	1.017	5.023
Duplex	4,194	4,282	18,772	1.021	4.476
Multi-unit Residential	17,716	18,061	74,082	1.019	4.182
Commercial/Industrial/Agricultural	457	483	2,035	1.057	4.453
Institutional Living Quarters	9	9	39	1.000	4.333
Other Housing Unit	43	43	174	1.000	4.047
Not Reported	24	24	100	1.000	4.167
Urban					
Total	41,841	42,623	192,629	1.019	4.604
Single House	19,398	19,721	97,427	1.017	5.023
Duplex	4,194	4,282	18,772	1.021	4.476
Multi-unit Residential	17,716	18,061	74,082	1.019	4.182
Commercial/Industrial/Agricultural	457	483	2,035	1.057	4.453
Institutional Living Quarters	9	9	39	1.000	4.333
Other Housing Unit	43	43	174	1.000	4.047
Not Reported	24	24	100	1.000	4.167
Palauig					
Total	3,869	3,946	21,573	1.020	5.576
Single House	3,839	3,912	21,416	1.019	5.579
Duplex	20	24	115	1.200	5.750
Multi-unit Residential	3	3	16	1.000	5.333
Commercial/Industrial/Agricultural	7	7	26	1.000	3.714
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
Urban					
Total	435	444	2,339	1.021	5.377
Single House	415	423	2,240	1.019	5.398
Duplex	11	12	62	1.091	5.636
Multi-unit Residential	3	3	16	1.000	5.333
Commercial/Industrial/Agricultural	6	6	21	1.000	3.500
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	3,434	3,502	19,234	1.020	5.601
Single House	3,424	3,489	19,176	1.019	5.600
Duplex	9	12	53	1.333	5.889
Multi-unit Residential	-	-	-	-	-
Commercial/Industrial/Agricultural	1	1	5	1.000	5.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
San Antonio					
Total	5,654	5,800	26,847	1.026	4.748
Single House	5,142	5,274	24,738	1.026	4.811
Duplex	285	290	1,169	1.018	4.102
Multi-unit Residential	203	212	846	1.044	4.167
Commercial/Industrial/Agricultural	14	14	54	1.000	3.857
Institutional Living Quarters	1	1	3	1.000	3.000
Other Housing Unit	9	9	37	1.000	4.111
Not Reported	-	-	-	-	-
Urban					
Total	4,223	4,325	19,989	1.024	4.733
Single House	3,734	3,826	17,985	1.025	4.817
Duplex	266	270	1,087	1.015	4.086
Multi-unit Residential	199	205	823	1.030	4.136
Commercial/Industrial/Agricultural	14	14	54	1.000	3.857
Institutional Living Quarters	1	1	3	1.000	3.000
Other Housing Unit	9	9	37	1.000	4.111
Not Reported	-	-	-	-	-
Rural					
Total	1,431	1,475	6,858	1.031	4.792
Single House	1,408	1,448	6,753	1.028	4.796
Duplex	19	20	82	1.053	4.316
Multi-unit Residential	4	7	23	1.750	5.750
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
San Felipe					
Total	3,233	3,351	15,606	1.036	4.827
Single House	3,152	3,258	15,202	1.034	4.823
Duplex	44	47	216	1.068	4.909
Multi-unit Residential	25	31	133	1.240	5.320
Commercial/Industrial/Agricultural	11	14	51	1.273	4.636
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	1	1	4	1.000	4.000
Not Reported	-	-	-	-	-

ZAMBALES

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
Urban					
Total	2,798	2,908	13,497	1.039	4.824
Single House	2,731	2,831	13,171	1.037	4.823
Duplex	32	35	153	1.094	4.781
Multi-unit Residential	23	27	118	1.174	5.130
Commercial/Industrial/Agricultural	11	14	51	1.273	4.636
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	1	1	4	1.000	4.000
Not Reported	-	-	-	-	-
Rural					
Total	435	443	2,109	1.018	4.848
Single House	421	427	2,031	1.014	4.824
Duplex	12	12	63	1.000	5.250
Multi-unit Residential	2	4	15	2.000	7.500
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
San Marcelino					
Total	7,388	7,568	36,472	1.024	4.937
Single House	6,266	6,413	30,815	1.023	4.918
Duplex	857	874	4,384	1.020	5.116
Multi-unit Residential	245	261	1,198	1.065	4.890
Commercial/Industrial/Agricultural	18	18	70	1.000	3.889
Institutional Living Quarters	2	2	5	1.000	2.500
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Urban					
Total	4,566	4,692	22,730	1.028	4.978
Single House	3,529	3,641	17,526	1.032	4.966
Duplex	804	817	4,133	1.016	5.141
Multi-unit Residential	216	217	1,011	1.005	4.681
Commercial/Industrial/Agricultural	15	15	55	1.000	3.667
Institutional Living Quarters	2	2	5	1.000	2.500
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	2,822	2,876	13,742	1.019	4.870
Single House	2,737	2,772	13,289	1.013	4.855
Duplex	53	57	251	1.075	4.736
Multi-unit Residential	29	44	187	1.517	6.448
Commercial/Industrial/Agricultural	3	3	15	1.000	5.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
San Narciso					
Total	4,753	4,893	22,884	1.029	4.815
Single House	4,599	4,731	22,162	1.029	4.819
Duplex	120	126	554	1.050	4.617
Multi-unit Residential	33	35	165	1.061	5.000
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	1	1	3	1.000	3.000
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
Urban					
Total	2,759	2,879	13,256	1.043	4.805
Single House	2,631	2,749	12,660	1.045	4.812
Duplex	96	98	447	1.021	4.656
Multi-unit Residential	32	32	149	1.000	4.656
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	1,994	2,014	9,628	1.010	4.828
Single House	1,968	1,982	9,502	1.007	4.828
Duplex	24	28	107	1.167	4.458
Multi-unit Residential	1	3	16	3.000	16.000
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	1	1	3	1.000	3.000
Not Reported	-	-	-	-	-
Santa Cruz					
Total	7,638	7,744	41,239	1.014	5.399
Single House	6,979	7,055	37,954	1.011	5.438
Duplex	100	111	541	1.110	5.410
Multi-unit Residential	552	571	2,717	1.034	4.922
Commercial/Industrial/Agricultural	6	6	23	1.000	3.833
Institutional Living Quarters	1	1	4	1.000	4.000
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Urban					
Total	1,788	1,835	9,872	1.026	5.521
Single House	1,694	1,727	9,408	1.019	5.554
Duplex	37	37	155	1.000	4.189
Multi-unit Residential	53	67	293	1.264	5.528
Commercial/Industrial/Agricultural	4	4	16	1.000	4.000
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Rural					
Total	5,850	5,909	31,367	1.010	5.362
Single House	5,285	5,328	28,546	1.008	5.401
Duplex	63	74	386	1.175	6.127
Multi-unit Residential	499	504	2,424	1.010	4.858
Commercial/Industrial/Agricultural	2	2	7	1.000	3.500
Institutional Living Quarters	1	1	4	1.000	4.000
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-
Subic					
Total	9,155	9,499	46,702	1.038	5.101
Single House	8,084	8,362	41,489	1.034	5.132
Duplex	529	554	2,597	1.047	4.909
Multi-unit Residential	532	573	2,577	1.077	4.844
Commercial/Industrial/Agricultural	2	2	8	1.000	4.000
Institutional Living Quarters	1	1	3	1.000	3.000
Other Housing Unit	2	2	7	1.000	3.500
Not Reported	5	5	21	1.000	4.200

ZAMBALES

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
Urban					
Total	7,116	7,403	36,633	1.040	5.148
Single House	6,067	6,290	31,532	1.037	5.197
Duplex	508	532	2,497	1.047	4.915
Multi-unit Residential	531	571	2,565	1.075	4.831
Commercial/Industrial/Agricultural	2	2	8	1.000	4.000
Institutional Living Quarters	1	1	3	1.000	3.000
Other Housing Unit	2	2	7	1.000	3.500
Not Reported	5	5	21	1.000	4.200
Rural					
Total	2,039	2,096	10,069	1.028	4.938
Single House	2,017	2,072	9,957	1.027	4.937
Duplex	21	22	100	1.048	4.762
Multi-unit Residential	1	2	12	2.000	12.000
Commercial/Industrial/Agricultural	-	-	-	-	-
Institutional Living Quarters	-	-	-	-	-
Other Housing Unit	-	-	-	-	-
Not Reported	-	-	-	-	-

1990 CENSUS OF POPULATION AND HOUSING

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

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
ZAMBALES (including Olongapo City)									
Total	113,086	70,868	1,979	7,519	2,498	28,990	1,008	215	9
Concrete/Brick/Stone	35,522	33,221	1,191	436	73	571	12	18	-
Wood	14,963	10,743	219	376	1,764	1,796	46	19	-
Half Concrete/Brick/Stone & Half Wood	27,096	19,576	442	6,119	195	726	20	18	-
Galvanized Iron/Aluminum	1,150	871	11	119	118	29	2	-	-
Bamboo/Sawali/Cogon/Nipa	31,096	5,392	109	432	290	24,769	52	52	-
Makeshift/Salvaged/Improvised	2,013	633	-	27	52	444	834	14	9
Asbestos/Glass/Others	1,217	419	6	6	6	645	41	94	-
No Walls/Not Reported	29	13	1	4	-	10	1	-	-
Botolan									
Total	6,786	3,315	32	61	140	3,173	7	58	-
Concrete/Brick/Stone	1,386	1,345	10	2	-	29	-	-	-
Wood	920	581	7	4	6	322	-	-	-
Half Concrete/Brick/Stone & Half Wood	936	863	3	36	-	34	-	-	-
Galvanized Iron/Aluminum	41	7	-	2	31	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	3,397	513	11	15	103	2,753	1	1	-
Makeshift/Salvaged/Improvised	16	5	-	1	-	4	6	-	-
Asbestos/Glass/Others	88	1	1	1	-	28	-	57	-
No Walls/Not Reported	2	-	-	-	-	2	-	-	-
Cabangan									
Total	3,102	1,364	36	147	26	1,515	14	-	-
Concrete/Brick/Stone	624	542	12	15	-	55	-	-	-
Wood	199	122	5	13	12	47	-	-	-
Half Concrete/Brick/Stone & Half Wood	653	508	15	82	6	42	-	-	-
Galvanized Iron/Aluminum	15	5	-	4	6	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	1,572	184	4	33	2	1,346	3	-	-
Makeshift/Salvaged/Improvised	37	2	-	-	-	25	10	-	-
Asbestos/Glass/Others	2	1	-	-	-	-	1	-	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-
Candelaria									
Total	3,185	1,348	16	186	59	1,570	2	4	-
Concrete/Brick/Stone	538	519	5	6	-	8	-	-	-
Wood	165	92	2	2	44	25	-	-	-
Half Concrete/Brick/Stone & Half Wood	647	440	6	152	11	37	-	1	-
Galvanized Iron/Aluminum	19	4	-	11	2	2	-	-	-
Bamboo/Sawali/Cogon/Nipa	1,667	233	3	14	2	1,413	-	2	-
Makeshift/Salvaged/Improvised	22	3	-	1	-	16	2	-	-
Asbestos/Glass/Others	126	56	-	-	-	69	-	1	-
No Walls/Not Reported	1	1	-	-	-	-	-	-	-
Castillejos									
Total	5,231	3,077	28	236	6	1,874	7	3	-
Concrete/Brick/Stone	2,098	1,973	9	15	1	99	1	-	-
Wood	295	261	7	10	1	16	-	-	-
Half Concrete/Brick/Stone & Half Wood	731	475	5	173	-	75	1	2	-
Galvanized Iron/Aluminum	13	7	1	2	-	3	-	-	-
Bamboo/Sawali/Cogon/Nipa	2,063	349	6	36	4	1,667	1	-	-
Makeshift/Salvaged/Improvised	21	6	-	-	-	12	3	-	-
Asbestos/Glass/Others	8	4	-	-	-	2	1	1	-
No Walls/Not Reported	2	2	-	-	-	-	-	-	-
Iba									
Total	5,430	3,170	53	117	18	2,004	12	56	-
Concrete/Brick/Stone	1,457	1,365	23	8	-	56	1	4	-
Wood	441	343	6	10	6	70	-	6	-
Half Concrete/Brick/Stone & Half Wood	1,167	992	16	80	3	66	-	10	-
Galvanized Iron/Aluminum	20	16	-	1	1	2	-	-	-
Bamboo/Sawali/Cogon/Nipa	1,913	364	7	17	8	1,497	2	18	-
Makeshift/Salvaged/Improvised	38	6	-	1	-	23	7	1	-
Asbestos/Glass/Others	393	83	1	-	-	290	2	17	-
No Walls/Not Reported	1	1	-	-	-	-	-	-	-

ZAMBALES

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

Construction Materials of the Outer Walls and City/Municipality	Total Occupied Housing Units	CONSTRUCTION MATERIALS OF THE ROOF							
		Galva- nized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Gal- vanized Iron and Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised	Asbestos/ Others	Not Reported
Masinloc									
Total	5,821	2,522	83	413	55	2,725	12	9	2
Concrete/Brick/Stone	900	828	33	6	1	32	-	-	-
Wood	802	614	18	16	38	112	1	3	-
Half Concrete/Brick/Stone & Half Wood	1,133	704	16	329	2	80	1	1	-
Galvanized Iron/Aluminum	46	33	-	7	1	5	-	-	-
Bamboo/Sawali/Cogon/Nipa	2,788	310	16	54	12	2,388	5	3	-
Makeshift/Salvaged/Improvised	37	2	-	1	1	26	5	-	2
Asbestos/Glass/Others	114	30	-	-	-	82	-	2	-
No Walls/Not Reported	1	1	-	-	-	-	-	-	-
Olongapo City									
Total	41,841	31,631	1,186	4,322	1,835	2,038	793	31	5
Concrete/Brick/Stone	16,769	15,622	764	266	68	39	7	3	-
Wood	7,321	5,159	126	208	1,438	349	35	6	-
Half Concrete/Brick/Stone & Half Wood	13,766	9,535	276	3,744	144	51	15	1	-
Galvanized Iron/Aluminum	423	298	6	45	65	8	1	-	-
Bamboo/Sawali/Cogon/Nipa	2,046	501	11	34	69	1,407	20	4	-
Makeshift/Salvaged/Improvised	1,400	465	-	20	45	174	682	9	5
Asbestos/Glass/Others	105	46	3	1	6	9	32	8	-
No Walls/Not Reported	11	5	-	4	-	1	1	-	-
Palauig									
Total	3,869	1,655	45	89	4	2,066	4	6	-
Concrete/Brick/Stone	897	808	16	16	-	55	1	1	-
Wood	143	110	3	-	1	29	-	-	-
Half Concrete/Brick/Stone & Half Wood	675	511	18	40	1	105	-	-	-
Galvanized Iron/Aluminum	8	7	-	-	-	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	2,116	206	8	32	2	1,865	1	2	-
Makeshift/Salvaged/Improvised	5	-	-	-	-	4	1	-	-
Asbestos/Glass/Others	25	13	-	1	-	7	1	3	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-
San Antonio									
Total	5,654	3,664	55	426	58	1,431	6	14	-
Concrete/Brick/Stone	1,660	1,601	17	17	-	22	-	3	-
Wood	545	472	10	5	44	12	1	1	-
Half Concrete/Brick/Stone & Half Wood	1,395	974	16	377	2	26	-	-	-
Galvanized Iron/Aluminum	42	35	2	-	5	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	1,926	527	10	27	7	1,347	-	8	-
Makeshift/Salvaged/Improvised	35	13	-	-	-	17	5	-	-
Asbestos/Glass/Others	49	41	-	-	-	6	-	2	-
No Walls/Not Reported	2	1	-	-	-	1	-	-	-
San Felipe									
Total	3,233	2,470	10	35	6	705	6	1	-
Concrete/Brick/Stone	1,120	1,080	7	7	-	25	-	1	-
Wood	314	302	1	3	3	5	-	-	-
Half Concrete/Brick/Stone & Half Wood	841	809	2	14	2	14	-	-	-
Galvanized Iron/Aluminum	7	7	-	-	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	884	245	-	11	1	625	2	-	-
Makeshift/Salvaged/Improvised	15	7	-	-	-	4	4	-	-
Asbestos/Glass/Others	52	20	-	-	-	32	-	-	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-
San Marcelino									
Total	7,388	4,816	29	202	28	2,292	13	8	-
Concrete/Brick/Stone	3,089	2,994	14	25	2	50	1	3	-
Wood	731	414	6	10	13	288	-	-	-
Half Concrete/Brick/Stone & Half Wood	1,077	854	7	148	2	66	-	-	-
Galvanized Iron/Aluminum	18	14	-	2	1	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	2,416	504	2	17	10	1,877	2	4	-
Makeshift/Salvaged/Improvised	25	9	-	-	-	5	10	1	-
Asbestos/Glass/Others	31	26	-	-	-	5	-	-	-
No Walls/Not Reported	1	1	-	-	-	-	-	-	-

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/Improved	Asbestos/Others	Not Reported
San Narciso									
Total	4,753	3,028	48	325	90	1,243	17	2	-
Concrete/Brick/Stone	1,498	1,436	24	9	-	29	-	-	-
Wood	491	437	5	4	36	9	-	-	-
Half Concrete/Brick/Stone & Half Wood	986	652	10	300	6	17	-	1	-
Galvanized Iron/Aluminum	8	4	-	1	2	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	1,686	465	9	10	44	1,154	4	-	-
Makeshift/Salvaged/Improved	54	12	-	-	2	29	11	-	-
Asbestos/Glass/Others	29	21	-	1	-	4	2	1	-
No Walls/Not Reported	1	1	-	-	-	-	-	-	-
Santa Cruz									
Total	7,638	3,934	51	301	14	3,302	24	12	-
Concrete/Brick/Stone	800	748	10	11	-	30	-	1	-
Wood	986	786	9	14	10	164	1	2	-
Half Concrete/Brick/Stone & Half Wood	1,600	1,309	15	204	1	69	1	1	-
Galvanized Iron/Aluminum	440	422	1	16	-	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	3,606	621	15	54	2	2,905	3	6	-
Makeshift/Salvaged/Improved	100	19	-	1	1	59	19	1	-
Asbestos/Glass/Others	106	29	1	1	-	74	-	1	-
No Walls/Not Reported	-	-	-	-	-	-	-	-	-
Subic									
Total	9,155	4,874	307	659	159	3,052	91	11	2
Concrete/Brick/Stone	2,686	2,360	247	33	1	42	1	2	-
Wood	1,610	1,050	14	77	112	348	8	1	-
Half Concrete/Brick/Stone & Half Wood	1,489	950	37	440	15	44	2	1	-
Galvanized Iron/Aluminum	50	12	1	28	4	4	1	-	-
Bamboo/Sawali/Cogon/Nipa	3,016	370	7	78	24	2,525	8	4	-
Makeshift/Salvaged/Improved	208	84	-	2	3	46	69	2	2
Asbestos/Glass/Others	89	48	-	1	-	37	2	1	-
No Walls/Not Reported	7	-	1	-	-	6	-	-	-

ZAMBALES

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
ZAMBALES (including Olongapo City)								
Total	113,086	80,544	22,289	843	1,935	2,830	4,638	7
1986-1990	31,352	19,928	6,103	253	723	1,996	2,347	2
1981-1985	21,750	15,336	4,517	161	341	388	1,006	1
1971-1980	23,638	17,905	4,281	154	349	239	710	-
1961-1970	16,627	12,920	3,022	98	205	97	285	-
1951-1960	7,903	5,877	1,693	53	160	35	85	-
1950 or earlier	4,618	3,127	1,263	74	69	23	62	-
Not applicable	144	30	23	-	2	22	67	-
Don't know/Not reported	7,054	5,421	1,387	50	86	30	76	4
Botolan								
Total	6,786	3,951	1,722	58	170	391	492	2
1986-1990	2,773	1,506	728	24	56	254	205	-
1981-1985	1,402	814	368	17	40	61	102	-
1971-1980	1,139	700	265	13	30	48	83	-
1961-1970	755	469	172	3	21	16	74	-
1951-1960	342	228	81	-	15	6	12	-
1950 or earlier	262	177	56	1	6	6	16	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	113	57	52	-	2	-	-	2
Cabangan								
Total	3,102	1,749	841	6	27	109	370	-
1986-1990	1,117	586	304	2	7	74	144	-
1981-1985	565	337	152	1	5	7	63	-
1971-1980	612	377	161	-	5	11	58	-
1961-1970	323	205	88	-	3	5	22	-
1951-1960	178	98	60	1	4	3	12	-
1950 or earlier	126	78	33	1	3	3	8	-
Not applicable	61	-	-	-	-	4	57	-
Don't know/Not reported	120	68	43	1	-	2	6	-
Candelaria								
Total	3,185	2,029	524	6	105	100	421	-
1986-1990	1,071	597	174	4	32	64	200	-
1981-1985	721	478	129	-	19	14	81	-
1971-1980	633	407	114	-	25	15	72	-
1961-1970	378	267	53	1	15	6	36	-
1951-1960	214	166	28	-	8	-	12	-
1950 or earlier	111	77	20	-	4	1	9	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	57	37	6	1	2	-	11	-
Castillejos								
Total	5,231	3,770	1,025	11	104	111	210	-
1986-1990	1,887	1,269	393	2	32	78	113	-
1981-1985	1,018	722	205	7	19	15	50	-
1971-1980	944	714	179	-	15	11	25	-
1961-1970	544	440	77	2	13	1	11	-
1951-1960	237	165	59	-	8	2	3	-
1950 or earlier	237	173	56	-	5	1	2	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	364	287	56	-	12	3	6	-
Iba								
Total	5,430	3,780	916	79	138	234	283	-
1986-1990	1,983	1,263	335	24	59	149	153	-
1981-1985	1,134	813	175	21	33	35	57	-
1971-1980	932	678	141	12	24	25	52	-
1961-1970	609	484	81	9	10	16	9	-
1951-1960	264	189	58	4	6	2	5	-
1950 or earlier	197	130	58	4	2	2	1	-
Not applicable	19	19	-	-	-	-	-	-
Don't know/Not reported	292	204	68	5	4	5	6	-

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
Masinloc								
Total	5,821	3,744	1,285	39	130	235	385	3
1986-1990	2,030	1,175	396	14	64	172	207	2
1981-1985	1,240	783	319	6	23	36	73	-
1971-1980	1,343	966	275	9	20	12	61	-
1961-1970	701	497	155	4	10	8	27	-
1951-1960	304	206	77	3	6	2	10	-
1950 or earlier	127	76	37	2	5	1	6	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	76	41	26	1	2	4	1	1
Olongapo City								
Total	41,841	31,581	8,247	438	467	445	662	1
1986-1990	7,104	4,648	1,589	130	154	302	281	-
1981-1985	6,993	5,172	1,447	79	50	77	167	1
1971-1980	9,271	7,245	1,682	83	97	34	130	-
1961-1970	8,723	7,004	1,552	51	66	15	35	-
1951-1960	3,949	3,071	769	20	63	7	19	-
1950 or earlier	1,374	878	438	41	13	1	3	-
Not applicable	11	3	6	-	-	2	-	-
Don't know/Not reported	4,416	3,560	764	34	24	7	27	-
Palauig								
Total	3,869	2,257	1,201	8	44	175	184	-
1986-1990	1,431	797	382	1	17	133	101	-
1981-1985	921	545	298	3	11	18	46	-
1971-1980	709	418	246	3	9	13	20	-
1961-1970	430	286	122	-	3	7	12	-
1951-1960	200	110	84	-	3	1	2	-
1950 or earlier	106	55	49	1	-	-	1	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	72	46	20	-	1	3	2	-
San Antonio								
Total	5,654	4,453	858	38	98	79	128	-
1986-1990	1,711	1,293	246	9	31	61	71	-
1981-1985	897	730	123	2	6	9	27	-
1971-1980	999	826	147	-	8	4	14	-
1961-1970	757	633	100	7	10	1	6	-
1951-1960	397	303	79	8	6	-	1	-
1950 or earlier	276	190	75	8	3	-	-	-
Not applicable	14	2	3	-	2	3	4	-
Don't know/Not reported	603	476	85	4	32	1	5	-
San Felipe								
Total	3,233	2,464	491	24	66	110	78	-
1986-1990	939	638	159	2	19	79	42	-
1981-1985	494	369	83	1	15	10	16	-
1971-1980	631	509	76	3	13	19	11	-
1961-1970	553	461	71	8	6	1	6	-
1951-1960	265	212	42	2	7	1	1	-
1950 or earlier	300	228	56	8	6	-	2	-
Not applicable	2	2	-	-	-	-	-	-
Don't know/Not reported	49	45	4	-	-	-	-	-
San Marcelino								
Total	7,388	5,950	891	9	46	161	331	-
1986-1990	2,493	1,813	312	3	31	137	197	-
1981-1985	1,215	979	150	3	5	13	65	-
1971-1980	2,109	1,917	139	1	2	2	48	-
1961-1970	680	558	98	2	2	6	14	-
1951-1960	394	321	64	-	4	3	2	-
1950 or earlier	267	184	79	-	1	-	3	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	230	178	49	-	1	-	2	-

ZAMBALES

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
San Narciso								
Total	4,753	3,326	988	14	137	137	151	-
1986-1990	1,339	933	208	6	38	77	77	-
1981-1985	838	596	163	2	21	22	34	-
1971-1980	845	628	153	3	25	12	24	-
1961-1970	539	421	90	-	20	5	3	-
1951-1960	371	273	79	1	15	2	1	-
1950 or earlier	563	361	181	2	14	5	-	-
Not applicable	30	1	11	-	-	12	6	-
Don't know/Not reported	228	113	103	-	4	2	6	-
Santa Cruz								
Total	7,638	5,347	1,190	68	280	290	462	1
1986-1990	2,418	1,460	340	18	119	226	255	-
1981-1985	1,960	1,363	358	12	70	35	122	-
1971-1980	1,607	1,238	237	15	52	13	52	-
1961-1970	716	561	104	9	20	6	16	-
1951-1960	383	289	63	10	12	5	4	-
1950 or earlier	452	374	57	2	5	3	11	-
Not applicable	7	3	3	-	-	1	-	-
Don't know/Not reported	95	59	28	2	2	1	2	1
Subic								
Total	9,155	6,143	2,110	45	123	253	481	-
1986-1990	3,056	1,950	537	14	64	190	301	-
1981-1985	2,352	1,635	547	7	24	36	103	-
1971-1980	1,864	1,282	466	12	24	20	60	-
1961-1970	919	634	259	2	6	4	14	-
1951-1960	405	246	150	4	3	1	1	-
1950 or earlier	220	146	68	4	2	-	-	-
Not applicable	-	-	-	-	-	-	-	-
Don't know/Not reported	339	250	83	2	-	2	2	-

1990 CENSUS OF POPULATION AND HOUSING

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						Not Reported
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/ Industrial/ Agricultural	Institu- tional Living Quarters	Other Housing Unit	
ZAMBALES (including Olongapo City)								
Total	113,086	85,641	6,901	19,841	573	17	82	31
One Household	111,121	84,130	6,732	19,571	559	17	81	31
Two Households	1,566	1,260	151	147	7	-	1	-
Three Households	280	192	15	71	2	-	-	-
Four Households	82	42	1	36	3	-	-	-
Five Households	18	8	-	9	1	-	-	-
Six Households or More	19	9	2	7	1	-	-	-
Mean Number of Households	1.023	1.022	1.028	1.024	1.054	1.000	1.012	1.000
URBAN								
Total	75,929	50,095	6,212	18,941	558	15	79	29
One Household	74,468	49,028	6,078	18,696	544	15	78	29
Two Households	1,110	846	117	139	7	-	1	-
Three Households	239	164	14	59	2	-	-	-
Four Households	77	40	1	33	3	-	-	-
Five Households	16	8	-	7	1	-	-	-
Six Households or More	19	9	2	7	1	-	-	-
Mean Number of Households	1.026	1.028	1.025	1.022	1.056	1.000	1.013	1.000
RURAL								
Total	37,157	35,546	689	900	15	2	3	2
One Household	36,653	35,102	654	875	15	2	3	2
Two Households	456	414	34	8	-	-	-	-
Three Households	41	28	1	12	-	-	-	-
Four Households	5	2	-	3	-	-	-	-
Five Households	2	-	-	2	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.015	1.013	1.052	1.054	1.000	1.000	1.000	1.000

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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						Not Reported
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/ Industrial/ Agricultural	Institu- tional Living Quarters	Other Housing Unit	
ZAMBALES (including Olongapo City)								
Total	113,086	85,641	6,901	19,841	573	17	82	31
One Household	111,121	84,130	6,732	19,571	559	17	81	31
Two Households	1,566	1,260	151	147	7	-	1	-
Three Households	280	192	15	71	2	-	-	-
Four Households	82	42	1	36	3	-	-	-
Five Households	18	8	-	9	1	-	-	-
Six Households or More	19	9	2	7	1	-	-	-
Mean Number of Households	1.023	1.022	1.028	1.024	1.054	1.000	1.012	1.000
Botolan								
Total	6,786	6,706	73	2	4	-	-	1
One Household	6,719	6,647	67	-	4	-	-	1
Two Households	62	56	6	-	-	-	-	-
Three Households	3	3	-	-	-	-	-	-
Four Households	2	-	-	2	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.011	1.009	1.082	4.000	1.000	-	-	1.000
Cabangan								
Total	3,102	3,060	28	12	1	1	-	-
One Household	3,045	3,017	19	7	1	1	-	-
Two Households	52	41	9	2	-	-	-	-
Three Households	5	2	-	3	-	-	-	-
Four Households	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.020	1.015	1.321	1.667	1.000	1.000	-	-
Candelaria								
Total	3,185	3,159	18	7	-	-	-	1
One Household	3,162	3,137	18	6	-	-	-	1
Two Households	22	21	-	1	-	-	-	-
Three Households	1	1	-	-	-	-	-	-
Four Households	-	-	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.008	1.007	1.000	1.143	-	-	-	1.000
Castillejos								
Total	5,231	5,075	87	59	10	-	-	-
One Household	5,055	4,918	73	54	10	-	-	-
Two Households	143	127	13	3	-	-	-	-
Three Households	24	21	1	2	-	-	-	-
Four Households	6	6	-	-	-	-	-	-
Five Households	2	2	-	-	-	-	-	-
Six Households or More	1	1	-	-	-	-	-	-
Mean Number of Households	1.042	1.039	1.172	1.119	1.000	-	-	-
Iba								
Total	5,430	5,192	104	96	32	-	6	-
One Household	5,270	5,036	103	94	31	-	6	-
Two Households	133	132	1	-	-	-	-	-
Three Households	23	20	-	2	1	-	-	-
Four Households	4	4	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.035	1.035	1.010	1.042	1.063	-	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						Other Housing Unit	Not Reported
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/ Industrial/ Agricultural	Institu- tional Living Quarters			
Masinloc									
Total	5,821	4,990	442	356	11	2	20	-	
One Household	5,749	4,926	439	352	11	2	19	-	
Two Households	55	52	2	-	-	-	1	-	
Three Households	15	12	1	2	-	-	-	-	
Four Households	2	-	-	2	-	-	-	-	
Five Households	-	-	-	-	-	-	-	-	
Six Households or More	-	-	-	-	-	-	-	-	
Mean Number of Households	1.016	1.015	1.009	1.028	1.000	1.000	1.050	-	
Olongapo City									
Total	41,841	19,398	4,194	17,716	457	9	43	24	
One Household	41,329	19,170	4,123	17,514	446	9	43	24	
Two Households	356	172	61	117	6	-	-	-	
Three Households	96	41	7	48	-	-	-	-	
Four Households	38	7	1	27	3	-	-	-	
Five Households	7	2	-	4	1	-	-	-	
Six Households or More	15	6	2	6	1	-	-	-	
Mean Number of Households	1.019	1.017	1.021	1.019	1.057	1.000	1.000	1.000	
Palauig									
Total	3,869	3,839	20	3	7	-	-	-	
One Household	3,797	3,770	17	3	7	-	-	-	
Two Households	67	65	2	-	-	-	-	-	
Three Households	5	4	1	-	-	-	-	-	
Four Households	-	-	-	-	-	-	-	-	
Five Households	-	-	-	-	-	-	-	-	
Six Households or More	-	-	-	-	-	-	-	-	
Mean Number of Households	1.020	1.019	1.200	1.000	1.000	-	-	-	
San Antonio									
Total	5,654	5,142	285	203	14	1	9	-	
One Household	5,537	5,036	281	196	14	1	9	-	
Two Households	93	85	3	5	-	-	-	-	
Three Households	19	16	1	2	-	-	-	-	
Four Households	5	5	-	-	-	-	-	-	
Five Households	-	-	-	-	-	-	-	-	
Six Households or More	-	-	-	-	-	-	-	-	
Mean Number of Households	1.026	1.026	1.018	1.044	1.000	1.000	1.000	-	
San Felipe									
Total	3,233	3,152	44	25	11	-	1	-	
One Household	3,138	3,065	41	22	9	-	1	-	
Two Households	79	75	3	-	1	-	-	-	
Three Households	11	7	-	3	1	-	-	-	
Four Households	3	3	-	-	-	-	-	-	
Five Households	2	2	-	-	-	-	-	-	
Six Households or More	-	-	-	-	-	-	-	-	
Mean Number of Households	1.036	1.034	1.068	1.240	1.273	-	1.000	-	
San Marcelino									
Total	7,388	6,266	857	245	18	2	-	-	
One Household	7,244	6,143	842	239	18	2	-	-	
Two Households	117	103	13	1	-	-	-	-	
Three Households	22	18	2	2	-	-	-	-	
Four Households	2	1	-	1	-	-	-	-	
Five Households	2	-	-	2	-	-	-	-	
Six Households or More	1	1	-	-	-	-	-	-	
Mean Number of Households	1.024	1.023	1.020	1.065	1.000	1.000	-	-	

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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						
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/ Industrial/ Agricultural	Institu- tional Living Quarters	Other Housing Unit	Not Reported
San Narciso								
Total	4,753	4,599	120	33	-	-	1	-
One Household	4,630	4,483	114	32	-	-	1	-
Two Households	107	101	6	-	-	-	-	-
Three Households	15	14	-	1	-	-	-	-
Four Households	1	1	-	-	-	-	-	-
Five Households	-	-	-	-	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.029	1.029	1.050	1.061	-	-	1.000	-
Santa Cruz								
Total	7,638	6,979	100	552	6	1	-	-
One Household	7,543	6,906	89	541	6	1	-	-
Two Households	87	70	11	6	-	-	-	-
Three Households	6	3	-	3	-	-	-	-
Four Households	1	-	-	1	-	-	-	-
Five Households	1	-	-	1	-	-	-	-
Six Households or More	-	-	-	-	-	-	-	-
Mean Number of Households	1.014	1.011	1.110	1.034	1.000	1.000	-	-
Subic								
Total	9,155	8,084	529	532	2	1	2	5
One Household	8,903	7,876	506	511	2	1	2	5
Two Households	193	160	21	12	-	-	-	-
Three Households	35	30	2	3	-	-	-	-
Four Households	18	15	-	3	-	-	-	-
Five Households	4	2	-	2	-	-	-	-
Six Households or More	2	1	-	1	-	-	-	-
Mean Number of Households	1.038	1.034	1.047	1.077	1.000	1.000	1.000	1.000

1990 CENSUS OF POPULATION AND HOUSING

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)								120 and Over	Not Reported
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119			
ZAMBALES (including Olongapo City)											
Total	113,086	21,632	28,275	22,546	17,418	8,619	4,976	3,485	6,122	13	
One Occupant	5,461	1,483	1,268	980	702	392	199	180	257	-	
Two Occupants	10,890	2,836	2,756	1,942	1,402	724	420	304	505	1	
Three Occupants	15,920	3,678	4,090	2,917	2,257	1,139	642	438	756	3	
Four Occupants	20,165	4,107	5,226	3,992	3,093	1,401	805	561	978	2	
Five Occupants	19,403	3,526	4,871	4,010	3,021	1,499	845	623	1,007	1	
Six Occupants	15,374	2,482	3,871	3,185	2,482	1,248	735	492	874	5	
Seven Occupants	10,591	1,565	2,603	2,210	1,808	915	504	356	630	-	
Eight Occupants	7,332	1,070	1,752	1,538	1,260	625	370	243	474	-	
Nine Occupants	3,116	387	751	706	545	233	176	101	216	1	
Ten Occupants or More	4,834	498	1,087	1,066	848	443	280	187	425	-	
Mean Number of Occupants	4.966	4.433	4.916	5.103	5.169	5.154	5.263	5.141	5.391	4.846	
URBAN											
Total	75,929	14,052	17,787	14,763	11,907	6,174	3,446	2,724	5,074	2	
One Occupant	4,281	1,135	957	731	568	330	173	156	231	-	
Two Occupants	7,876	1,931	1,912	1,407	1,031	573	321	258	443	1	
Three Occupants	11,186	2,464	2,703	2,036	1,620	862	482	368	650	1	
Four Occupants	13,802	2,681	3,356	2,691	2,185	1,053	576	442	818	-	
Five Occupants	12,982	2,214	3,021	2,683	2,104	1,083	566	481	830	-	
Six Occupants	9,887	1,517	2,342	1,978	1,635	842	484	375	713	1	
Seven Occupants	6,628	942	1,491	1,337	1,153	598	330	269	508	-	
Eight Occupants	4,494	652	958	896	811	401	227	170	379	-	
Nine Occupants	1,823	228	414	385	299	155	114	68	160	-	
Ten Occupants or More	2,970	288	633	619	501	277	173	137	342	-	
Mean Number of Occupants	4.829	4.308	4.764	4.937	5.010	4.980	5.080	5.004	5.321	4.500	
RURAL											
Total	37,157	7,580	10,488	7,783	5,511	2,445	1,530	761	1,048	11	
One Occupant	1,180	348	311	249	134	62	26	24	26	-	
Two Occupants	3,014	905	844	535	371	151	99	46	62	1	
Three Occupants	4,734	1,214	1,387	881	637	277	160	70	106	2	
Four Occupants	6,363	1,426	1,870	1,301	908	348	229	119	160	2	
Five Occupants	6,421	1,312	1,850	1,327	917	416	279	142	177	1	
Six Occupants	5,487	965	1,529	1,207	847	406	251	117	161	4	
Seven Occupants	3,963	623	1,112	873	655	317	174	87	122	-	
Eight Occupants	2,838	418	794	642	449	224	143	73	95	-	
Nine Occupants	1,293	159	337	321	246	78	62	33	56	1	
Ten Occupants or More	1,864	210	454	447	347	166	107	50	83	-	
Mean Number of Occupants	5.244	4.664	5.174	5.416	5.513	5.595	5.677	5.631	5.733	4.909	

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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)								
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	Not Reported
ZAMBALES (including Olongapo City)										
Total	113,086	21,632	28,275	22,546	17,418	8,619	4,976	3,485	6,122	13
One Occupant	5,461	1,483	1,268	980	702	392	199	180	257	-
Two Occupants	10,890	2,836	2,756	1,942	1,402	724	420	304	505	1
Three Occupants	15,920	3,678	4,090	2,917	2,257	1,139	642	438	756	3
Four Occupants	20,165	4,107	5,226	3,992	3,093	1,401	805	561	978	2
Five Occupants	19,403	3,526	4,871	4,010	3,021	1,499	845	623	1,007	1
Six Occupants	15,374	2,482	3,871	3,185	2,482	1,248	735	492	874	5
Seven Occupants	10,591	1,565	2,603	2,210	1,808	915	504	356	630	-
Eight Occupants	7,332	1,070	1,752	1,538	1,260	625	370	243	474	-
Nine Occupants	3,116	387	751	706	545	233	176	101	216	1
Ten Occupants or More	4,834	498	1,087	1,066	848	443	280	187	425	-
Mean Number of Occupants	4.966	4.433	4.916	5.103	5.169	5.154	5.263	5.141	5.391	4.846
Botolan										
Total	6,786	1,637	1,473	1,063	984	607	357	237	425	3
One Occupant	215	60	42	32	33	19	7	8	14	-
Two Occupants	572	189	111	86	82	36	28	19	21	-
Three Occupants	917	286	194	123	131	64	41	32	46	-
Four Occupants	1,108	268	246	169	166	102	54	44	59	-
Five Occupants	1,172	289	270	184	159	102	65	41	61	1
Six Occupants	965	217	210	145	143	105	53	29	62	1
Seven Occupants	721	129	162	138	103	74	36	24	55	-
Eight Occupants	492	88	122	72	64	52	29	22	43	-
Nine Occupants	257	45	47	46	48	22	16	7	25	1
Ten Occupants or More	367	66	69	68	55	31	28	11	39	-
Mean Number of Occupants	5.244	4.806	5.252	5.419	5.268	5.445	5.577	5.219	5.852	6.667
Cabangan										
Total	3,102	525	675	541	600	332	186	102	140	1
One Occupant	135	30	37	23	21	9	5	6	4	-
Two Occupants	272	64	53	38	51	28	18	11	9	-
Three Occupants	395	94	90	69	70	36	18	7	10	1
Four Occupants	600	115	137	103	112	55	27	17	34	-
Five Occupants	576	82	120	112	115	75	34	15	23	-
Six Occupants	446	61	105	77	92	48	31	22	10	-
Seven Occupants	318	41	60	46	79	42	19	11	20	-
Eight Occupants	188	25	33	45	29	21	14	10	11	-
Nine Occupants	73	6	24	7	18	5	8	1	4	-
Ten Occupants or More	99	7	16	21	13	13	12	2	15	-
Mean Number of Occupants	4.940	4.387	4.859	5.037	4.985	5.148	5.425	5.059	5.621	3.000
Candelaria										
Total	3,185	402	798	768	629	262	113	84	128	1
One Occupant	74	11	21	10	10	6	7	3	6	-
Two Occupants	232	43	56	57	39	16	5	5	11	-
Three Occupants	302	44	74	69	54	28	10	11	12	-
Four Occupants	443	64	119	120	78	26	10	8	18	-
Five Occupants	490	62	133	110	91	43	16	14	21	-
Six Occupants	495	67	118	126	92	40	19	10	22	1
Seven Occupants	398	48	99	90	93	33	15	11	9	-
Eight Occupants	309	26	81	72	75	24	14	8	9	-
Nine Occupants	171	16	41	45	40	10	4	5	10	-
Ten Occupants or More	271	21	56	69	57	36	13	9	10	-
Mean Number of Occupants	5.812	5.261	5.693	5.866	6.108	6.149	6.062	5.845	5.578	6.000

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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	
Castillejos										
Total	5,231	1,087	1,542	976	746	349	197	126	208	-
One Occupant	160	50	41	29	17	8	5	4	6	-
Two Occupants	395	122	125	49	44	21	12	8	14	-
Three Occupants	704	194	211	126	78	41	19	17	18	-
Four Occupants	1,014	254	299	193	125	51	32	25	35	-
Five Occupants	1,006	186	314	201	150	66	35	17	37	-
Six Occupants	765	130	236	133	126	56	28	22	34	-
Seven Occupants	513	69	156	112	86	43	23	8	16	-
Eight Occupants	307	39	75	66	54	23	20	8	22	-
Nine Occupants	152	23	43	24	26	14	8	7	7	-
Ten Occupants or More	215	20	42	43	40	26	15	10	19	-
Mean Number of Occupants	5.106	4.452	4.978	5.257	5.449	5.576	5.782	5.484	5.865	-
Iba										
Total	5,430	1,011	1,291	893	957	481	295	189	313	-
One Occupant	158	50	38	20	25	8	4	5	8	-
Two Occupants	431	114	104	66	65	25	19	17	21	-
Three Occupants	672	150	187	87	105	47	34	17	45	-
Four Occupants	869	202	222	127	140	67	50	27	34	-
Five Occupants	975	185	207	184	174	88	57	35	45	-
Six Occupants	818	125	205	146	139	90	46	20	47	-
Seven Occupants	563	84	125	83	113	66	30	30	32	-
Eight Occupants	440	54	106	76	101	39	25	15	24	-
Nine Occupants	188	24	43	40	28	15	12	8	18	-
Ten Occupants or More	316	23	54	64	67	36	18	15	39	-
Mean Number of Occupants	5.361	4.659	5.161	5.594	5.598	5.773	5.553	5.640	6.089	-
Masinloc										
Total	5,821	1,003	1,617	1,120	701	480	437	210	247	6
One Occupant	162	42	46	23	14	14	10	7	6	-
Two Occupants	419	122	110	63	37	37	24	9	16	1
Three Occupants	633	148	168	114	69	54	45	17	17	1
Four Occupants	865	155	238	183	95	59	63	28	43	1
Five Occupants	978	171	282	174	102	85	77	39	48	-
Six Occupants	930	116	257	196	111	88	79	43	37	3
Seven Occupants	670	98	192	126	100	49	54	29	22	-
Eight Occupants	553	81	151	102	80	53	38	22	26	-
Nine Occupants	238	37	63	45	40	15	19	4	15	-
Ten Occupants or More	373	33	110	94	53	26	28	12	17	-
Mean Number of Occupants	5.559	4.917	5.602	5.747	5.932	5.519	5.709	5.676	5.717	4.500
Olongapo City										
Total	41,841	8,556	9,896	8,355	5,959	3,382	1,860	1,347	2,485	1
One Occupant	2,999	852	692	535	369	242	105	92	112	-
Two Occupants	4,972	1,278	1,196	939	619	381	193	142	224	-
Three Occupants	6,633	1,557	1,636	1,211	891	541	283	186	327	1
Four Occupants	7,591	1,569	1,848	1,477	1,135	587	326	234	415	-
Five Occupants	6,816	1,268	1,578	1,519	962	540	317	236	396	-
Six Occupants	5,005	873	1,208	996	754	410	257	169	338	-
Seven Occupants	3,344	512	762	715	516	300	152	139	248	-
Eight Occupants	2,253	368	461	475	364	211	100	69	205	-
Nine Occupants	876	116	213	204	137	57	57	26	66	-
Ten Occupants or More	1,352	163	302	284	212	113	70	54	154	-
Mean Number of Occupants	4.604	4.147	4.553	4.728	4.770	4.649	4.827	4.777	5.244	3.000

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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	
Palauig										
Total	3,869	682	1,059	758	506	308	184	120	252	-
One Occupant	98	25	24	24	10	3	2	4	6	-
Two Occupants	273	67	80	51	26	14	11	8	16	-
Three Occupants	462	94	137	84	63	33	13	12	26	-
Four Occupants	576	107	167	122	79	39	22	12	28	-
Five Occupants	632	130	187	109	71	54	24	16	41	-
Six Occupants	578	86	149	107	95	44	28	19	50	-
Seven Occupants	434	66	122	84	58	40	27	10	27	-
Eight Occupants	361	47	97	77	44	33	25	15	23	-
Nine Occupants	193	25	46	45	24	24	12	8	9	-
Ten Occupants or More	262	35	50	55	36	24	20	16	26	-
Mean Number of Occupants	5.576	5.132	5.369	5.616	5.656	5.994	6.321	6.283	5.972	-
San Antonio										
Total	5,654	1,271	1,655	1,082	594	294	175	144	439	-
One Occupant	248	69	70	41	27	10	8	5	18	-
Two Occupants	565	156	174	92	48	29	18	10	38	-
Three Occupants	835	214	230	151	78	34	32	23	73	-
Four Occupants	1,145	277	333	213	121	65	30	22	84	-
Five Occupants	1,060	223	313	207	112	59	27	33	86	-
Six Occupants	791	159	230	176	85	40	23	20	58	-
Seven Occupants	452	91	134	89	52	20	19	9	38	-
Eight Occupants	274	48	79	56	36	14	9	12	20	-
Nine Occupants	106	14	37	18	14	8	2	3	10	-
Ten Occupants or More	178	20	55	39	21	15	7	7	14	-
Mean Number of Occupants	4.748	4.378	4.776	4.908	4.938	4.939	4.777	5.167	4.790	-
San Felipe										
Total	3,233	765	731	590	531	268	135	109	104	-
One Occupant	138	43	33	16	21	7	3	11	4	-
Two Occupants	274	78	65	52	33	21	12	6	7	-
Three Occupants	483	121	120	91	70	30	21	23	7	-
Four Occupants	671	174	154	127	105	58	15	19	19	-
Five Occupants	591	125	142	103	111	56	23	14	17	-
Six Occupants	459	105	99	74	77	41	30	18	15	-
Seven Occupants	284	61	51	55	56	26	13	5	17	-
Eight Occupants	161	36	30	38	26	15	7	4	5	-
Nine Occupants	68	8	13	15	13	5	4	3	7	-
Ten Occupants or More	104	14	24	19	19	9	7	6	6	-
Mean Number of Occupants	4.827	4.518	4.683	4.915	5.032	5.093	5.222	4.670	5.538	-
San Marcelino										
Total	7,388	993	1,651	1,416	1,924	528	284	286	306	-
One Occupant	263	57	56	44	63	12	6	10	15	-
Two Occupants	621	130	173	106	118	29	17	25	23	-
Three Occupants	1,064	169	277	205	251	66	38	22	36	-
Four Occupants	1,444	193	340	305	355	95	56	42	58	-
Five Occupants	1,389	175	287	245	415	105	58	60	44	-
Six Occupants	1,066	106	226	222	299	87	33	46	47	-
Seven Occupants	712	86	144	129	198	60	29	32	34	-
Eight Occupants	413	43	79	74	118	33	20	25	21	-
Nine Occupants	164	13	28	34	43	13	13	9	11	-
Ten Occupants or More	252	21	41	52	64	28	14	15	17	-
Mean Number of Occupants	4.937	4.454	4.698	4.968	5.076	5.347	5.327	5.406	5.261	-

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

Number of Occupants in Each Housing Unit and City/Municipality	Total Occupied Housing Units	FLOOR AREA OF THE HOUSING UNIT (in sq. meters)								Not Reported
		Less Than 10	10-19	20-29	30-49	50-69	70-89	90-119	120 and Over	
San Narciso										
Total	4,753	730	1,214	859	772	382	251	198	347	-
One Occupant	191	53	37	27	23	13	12	10	16	-
Two Occupants	457	98	106	71	60	38	26	19	39	-
Three Occupants	681	149	146	111	104	52	35	29	55	-
Four Occupants	983	152	284	184	175	67	47	29	45	-
Five Occupants	891	119	232	166	148	72	39	48	67	-
Six Occupants	619	74	166	126	98	48	33	24	50	-
Seven Occupants	420	41	116	76	65	42	23	24	33	-
Eight Occupants	242	31	56	40	41	26	21	8	19	-
Nine Occupants	111	6	30	26	26	10	4	2	7	-
Ten Occupants or More	158	7	41	32	32	14	11	5	16	-
Mean Number of Occupants	4.815	4.116	4.908	4.964	5.006	5.010	4.920	4.737	4.914	-
Santa Cruz										
Total	7,638	918	2,191	2,280	1,300	388	243	142	175	1
One Occupant	255	42	59	107	24	7	8	5	3	-
Two Occupants	595	113	183	147	91	19	14	11	17	-
Three Occupants	886	120	265	251	133	43	26	19	29	-
Four Occupants	1,219	167	374	334	213	52	34	24	20	1
Five Occupants	1,220	160	354	359	203	55	40	21	28	-
Six Occupants	1,148	112	308	374	197	74	36	21	26	-
Seven Occupants	891	92	254	273	154	52	30	12	24	-
Eight Occupants	683	67	202	201	135	36	27	9	6	-
Nine Occupants	299	21	75	104	61	13	9	8	8	-
Ten Occupants or More	442	24	117	130	89	37	19	12	14	-
Mean Number of Occupants	5.399	4.792	5.333	5.438	5.664	5.832	5.712	5.430	5.531	4.000
Subic										
Total	9,155	2,052	2,482	1,845	1,215	558	259	191	553	-
One Occupant	365	99	72	49	45	34	17	10	39	-
Two Occupants	812	262	220	125	89	30	23	14	49	-
Three Occupants	1,253	338	355	225	160	70	27	23	55	-
Four Occupants	1,637	410	465	335	194	78	39	30	86	-
Five Occupants	1,607	351	452	337	208	99	33	34	93	-
Six Occupants	1,289	251	354	287	174	77	39	29	78	-
Seven Occupants	871	147	226	194	135	68	34	12	55	-
Eight Occupants	656	117	180	144	93	45	21	16	40	-
Nine Occupants	220	33	48	53	27	22	8	10	19	-
Ten Occupants or More	445	44	110	96	90	35	18	13	39	-
Mean Number of Occupants	5.101	4.529	5.065	5.326	5.390	5.448	5.463	5.372	5.391	-

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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
ZAMBALES (including Olongapo City)								
Total	115,643	87,498	7,095	20,315	604	17	83	31
Owning/Being Amortized	81,391	72,127	3,187	5,789	228	8	39	13
Rented	20,429	7,035	2,186	10,906	273	4	13	12
Being Occupied for Free With Consent of Owner	13,698	8,244	1,713	3,606	99	5	26	5
Being Occupied for Free Without Consent of Owner	125	92	9	14	4	-	5	1
URBAN								
Total	77,925	51,476	6,370	19,366	589	15	80	29
Owning/Being Amortized	48,212	39,398	2,843	5,695	222	6	36	12
Rented	19,957	6,600	2,166	10,893	269	4	13	12
Being Occupied for Free With Consent of Owner	9,664	5,419	1,352	2,764	94	5	26	4
Being Occupied for Free Without Consent of Owner	92	59	9	14	4	-	5	1
RURAL								
Total	37,718	36,022	725	949	15	2	3	2
Owning/Being Amortized	33,179	32,729	344	94	6	2	3	1
Rented	472	435	20	13	4	-	-	-
Being Occupied for Free With Consent of Owner	4,034	2,825	361	842	5	-	-	1
Being Occupied for Free Without Consent of Owner	33	33	-	-	-	-	-	-

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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						Not Reported
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/Industrial/Agricultural	Institutional Living Quarters	Other Housing Unit	
ZAMBALES (including Olongapo City)								
Total	115,643	87,498	7,095	20,315	604	17	83	31
Owned/Being Amortized	81,391	72,127	3,187	5,789	228	8	39	13
Rented	20,429	7,035	2,186	10,906	273	4	13	12
Being Occupied for Free With Consent of Owner	13,698	8,244	1,713	3,606	99	5	26	5
Being Occupied for Free Without Consent of Owner	125	92	9	14	4	-	5	1
Botolan								
Total	6,860	6,768	79	8	4	-	-	1
Owned/Being Amortized	6,515	6,433	76	3	3	-	-	-
Rented	46	44	1	1	-	-	-	-
Being Occupied for Free With Consent of Owner	288	280	2	4	1	-	-	1
Being Occupied for Free Without Consent of Owner	11	11	-	-	-	-	-	-
Cabangan								
Total	3,164	3,105	37	20	1	1	-	-
Owned/Being Amortized	2,889	2,841	27	19	1	1	-	-
Rented	23	23	-	-	-	-	-	-
Being Occupied for Free With Consent of Owner	252	241	10	1	-	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-
Candelaria								
Total	3,209	3,182	18	8	-	-	-	1
Owned/Being Amortized	2,838	2,817	14	6	-	-	-	1
Rented	27	26	1	-	-	-	-	-
Being Occupied for Free With Consent of Owner	344	339	3	2	-	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-
Castillejos								
Total	5,453	5,275	102	66	10	-	-	-
Owned/Being Amortized	4,562	4,470	60	30	2	-	-	-
Rented	349	303	22	17	7	-	-	-
Being Occupied for Free With Consent of Owner	541	502	19	19	1	-	-	-
Being Occupied for Free Without Consent of Owner	1	-	1	-	-	-	-	-
Iba								
Total	5,621	5,376	105	100	34	-	6	-
Owned/Being Amortized	4,834	4,701	66	33	30	-	4	-
Rented	257	196	22	36	2	-	1	-
Being Occupied for Free With Consent of Owner	527	476	17	31	2	-	1	-
Being Occupied for Free Without Consent of Owner	3	3	-	-	-	-	-	-
Masinloc								
Total	5,912	5,066	446	366	11	2	21	-
Owned/Being Amortized	4,726	4,535	151	24	2	-	14	-
Rented	185	146	8	20	7	1	3	-
Being Occupied for Free With Consent of Owner	1,001	385	287	322	2	1	4	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-

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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						Not Reported
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/Industrial/Agricultural	Institutional Living Quarters	Other Housing Unit	
Olongapo City								
Total	42,623	19,721	4,282	18,061	483	9	43	24
Owned/Being Amortized	20,739	13,362	1,951	5,238	165	4	10	9
Rented	16,469	4,040	1,775	10,402	230	3	8	11
Being Occupied for Free With Consent of Owner	5,353	2,283	551	2,409	84	2	21	3
Being Occupied for Free Without Consent of Owner	62	36	5	12	4	-	4	1
Palauig								
Total	3,946	3,912	24	3	7	-	-	-
Owned/Being Amortized	3,615	3,594	17	1	3	-	-	-
Rented	48	43	-	2	3	-	-	-
Being Occupied for Free With Consent of Owner	278	270	7	-	1	-	-	-
Being Occupied for Free Without Consent of Owner	5	5	-	-	-	-	-	-
San Antonio								
Total	5,800	5,274	290	212	14	1	9	-
Owned/Being Amortized	4,557	4,291	169	83	5	-	9	-
Rented	571	378	85	100	8	-	-	-
Being Occupied for Free With Consent of Owner	663	597	36	28	1	1	-	-
Being Occupied for Free Without Consent of Owner	9	8	-	1	-	-	-	-
San Felipe								
Total	3,351	3,258	47	31	14	-	1	-
Owned/Being Amortized	2,784	2,723	38	16	7	-	-	-
Rented	141	129	3	3	5	-	1	-
Being Occupied for Free With Consent of Owner	426	406	6	12	2	-	-	-
Being Occupied for Free Without Consent of Owner	-	-	-	-	-	-	-	-
San Marcelino								
Total	7,568	6,413	874	261	18	2	-	-
Owned/Being Amortized	5,721	5,465	205	45	5	1	-	-
Rented	419	316	35	59	9	-	-	-
Being Occupied for Free With Consent of Owner	1,423	627	634	157	4	1	-	-
Being Occupied for Free Without Consent of Owner	5	5	-	-	-	-	-	-
San Narciso								
Total	4,893	4,731	126	35	-	-	1	-
Owned/Being Amortized	4,028	3,934	80	13	-	-	1	-
Rented	166	136	20	10	-	-	-	-
Being Occupied for Free With Consent of Owner	695	657	26	12	-	-	-	-
Being Occupied for Free Without Consent of Owner	4	4	-	-	-	-	-	-
Santa Cruz								
Total	7,744	7,055	111	571	6	1	-	-
Owned/Being Amortized	6,387	6,292	46	43	5	1	-	-
Rented	220	179	12	28	1	-	-	-
Being Occupied for Free With Consent of Owner	1,132	579	53	500	-	-	-	-
Being Occupied for Free Without Consent of Owner	5	5	-	-	-	-	-	-

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

Tenure Status of the Housing Unit and City/Municipality	Total Households	TYPE OF BUILDING							
		Single House	Duplex	Multi-unit Residential (3 Units or more)	Commercial/Industrial/Agricultural	Institutional Living Quarters	Other Housing Unit	Not Reported	
Subic									
Total	9,499	8,362	554	573	2	1	2	5	
Owned/Being Amortized	7,196	6,669	287	235	-	1	1	3	
Rented	1,508	1,076	202	228	1	-	-	1	
Being Occupied for Free With Consent of Owner	775	602	62	109	1	-	-	1	
Being Occupied for Free Without Consent of Owner	20	15	3	1	-	-	1	-	

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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
ZAMBALES (including Olongapo City)	81,391	52,786	4,758	22,958	889
URBAN	48,212	35,372	3,488	8,945	407
RURAL	33,179	17,414	1,270	14,013	482
Botolan	6,515	3,438	360	2,593	124
Urban	548	360	65	123	-
Rural	5,967	3,078	295	2,470	124
Cabangan	2,889	1,658	78	1,150	3
Urban	560	376	24	160	-
Rural	2,329	1,282	54	990	3
Candelaria	2,838	1,566	59	1,213	-
Urban	521	352	10	159	-
Rural	2,317	1,214	49	1,054	-
Castillejos	4,562	2,614	131	1,814	3
Urban	3,521	2,029	105	1,384	3
Rural	1,041	585	26	430	-
Iba	4,834	2,905	296	1,514	119
Urban	1,517	977	137	306	97
Rural	3,317	1,928	159	1,208	22
Masinloc	4,726	2,440	535	1,697	54
Urban	2,335	1,074	448	765	48
Rural	2,391	1,366	87	932	6
Olongapo City	20,739	17,571	1,415	1,670	83
Urban	20,739	17,571	1,415	1,670	83
Palauig	3,615	2,020	111	1,483	1
Urban	399	267	13	119	-
Rural	3,216	1,753	98	1,364	1
San Antonio	4,557	2,502	439	1,551	65
Urban	3,338	1,919	405	966	48
Rural	1,219	583	34	585	17
San Felipe	2,784	1,916	49	819	-
Urban	2,397	1,727	47	623	-
Rural	387	189	2	196	-
San Marcelino	5,721	3,845	75	1,786	15
Urban	3,106	2,195	55	852	4
Rural	2,615	1,650	20	934	11
San Narciso	4,028	2,438	139	1,431	20
Urban	2,302	1,897	43	350	12
Rural	1,726	541	96	1,081	8
Santa Cruz	6,387	3,318	466	2,590	13
Urban	1,492	889	215	383	5
Rural	4,895	2,429	251	2,207	8
Subic	7,196	4,555	605	1,647	389
Urban	5,437	3,739	506	1,085	107
Rural	1,759	816	99	562	282

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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
ZAMBALES (including Olongapo City)	81,391	24.8	50.0	18.3	.7	4.8	.9	.5
URBAN	48,212	31.2	44.1	15.8	.6	6.3	1.2	.8
RURAL	33,179	15.8	58.2	21.8	.9	2.6	.5	.1
Botolan	6,515	16.7	63.4	13.4	-	3.9	2.3	.3
Cabangan	2,889	18.2	53.4	24.8	-	3.6	-	-
Candelaria	2,838	10.1	60.3	29.3	-	.3	-	-
Castillejos	4,562	18.4	50.6	25.5	-	5.1	.3	-
Iba	4,834	26.1	49.1	22.1	.2	2.1	.4	-
Masinloc	4,726	11.4	58.7	20.3	5.1	3.3	.2	1.0
Olongapo City	20,739	43.3	36.0	10.5	.6	7.1	1.2	1.3
Palauig	3,615	16.2	59.1	22.6	-	2.1	-	-
San Antonio	4,557	27.9	49.1	15.4	-	3.8	3.9	-
San Felipe	2,784	16.3	52.9	20.2	-	10.0	.6	-
San Marcelino	5,721	31.0	37.7	27.8	.6	2.9	-	-
San Narciso	4,028	20.5	50.3	19.6	.3	8.4	1.0	-
Santa Cruz	6,387	13.7	51.2	29.9	.3	4.4	.3	.1
Subic	7,196	15.1	68.8	8.5	1.4	3.9	1.0	1.3

ZAMBALES

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

City/Municipality	Total Owner-House- holds Who Had Purchased/ Constructed Their Housing Units	R E P O R T E D S O U R C E S O F F I N A N C I N G						
		Own Resources/ Interest-Free Loans From Relatives/ Friends	Government Assistance: PAG-IBIG, GSIS, SSS, DBP, etc.	Private Banks/ Foundations/ Cooperatives	Employer Assistance	Private Persons	Other Sources	Not Reported
ZAMBALES (including Olongapo City)	76,316	93.8	1.2	.3	.9	1.1	.9	1.8
URBAN	44,196	91.5	1.6	.5	1.0	1.4	1.2	2.8
RURAL	32,081	96.8	.7	-	.8	.8	.5	.4
Botolan	6,093	95.6	1.0	-	1.5	.5	1.4	.2
Cabangan	2,786	98.0	.6	-	-	.7	.4	.3
Candelaria	2,829	95.7	.8	-	-	-	-	3.5
Castillejos	4,312	95.9	.8	.2	.2	2.1	.3	.4
Iba	4,713	98.5	.6	.2	.2	.2	.2	.2
Masinloc	4,514	95.9	1.4	-	.9	.9	-	.9
Olongapo City	18,761	90.3	1.7	.8	.9	1.9	.9	3.4
Palauig	3,539	98.6	.3	-	-	1.2	-	-
San Antonio	4,207	93.5	2.8	.4	.9	.9	.4	1.1
San Felipe	2,487	97.4	2.3	-	-	-	.3	-
San Marcelino	5,556	94.4	.5	-	2.8	.8	.4	1.1
San Narciso	3,651	97.7	.3	-	-	-	.2	1.8
Santa Cruz	6,077	96.7	.3	-	.5	2.5	-	-
Subic	6,745	83.5	1.7	.4	2.4	.6	5.5	5.9

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)									1,000 and Over	Not Reported
		Below 50	50 - 99	100 - 149	150 - 199	200 - 299	300 - 499	500 - 699	700 - 999			
ZAMBALES (including Olongapo City)	20,429	1.9	2.0	4.1	4.6	7.8	16.1	18.7	13.9	30.8	.2	
URBAN	19,957	1.4	1.8	4.0	4.5	7.7	16.1	18.9	14.2	31.3	.2	
RURAL	472	26.1	10.5	9.9	11.1	16.5	17.3	5.7	-	2.8	-	
Botolan	46	-	-	15.3	15.3	30.5	39.0	-	-	-	-	
Cabangan	23	-	-	-	-	-	-	-	-	-	-	
Candelaria	27	-	-	-	-	-	-	-	-	-	-	
Castillejos	349	-	5.2	20.6	10.3	17.0	15.5	5.2	10.8	15.5	-	
Iba	257	7.0	23.3	9.6	3.3	13.0	21.9	14.4	-	7.4	-	
Masinloc	185	55.6	-	21.8	-	-	8.1	-	-	14.5	-	
Olongapo City	16,469	.8	1.1	2.4	3.0	5.1	16.0	20.8	16.1	34.4	.2	
Palaui	48	48.8	-	51.2	-	-	-	-	-	-	-	
San Antonio	571	1.7	10.8	9.7	21.5	15.0	16.2	5.1	5.5	14.4	-	
San Felipe	141	-	-	14.7	27.6	37.9	9.5	10.3	-	-	-	
San Marcelino	419	24.0	3.9	16.5	24.0	16.1	7.9	7.5	-	-	-	
San Narciso	166	15.7	5.9	19.0	13.1	14.4	7.2	24.8	-	-	-	
Santa Cruz	220	11.5	3.7	23.0	24.9	15.6	6.7	-	3.7	10.8	-	
Subic	1,508	.7	3.4	6.6	6.5	26.6	20.2	10.9	4.4	20.8	-	

ZAMBALES

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
ZAMBALES (including Olongapo City)									
Total	4,500	1,808	292	2,641	1,674	289	1,859	134	3
Type of Building									
Single House	4,232	213	156	2,409	188	154	1,823	25	2
Duplex	83	254	21	66	236	21	17	18	-
Multi-unit Residential	133	1,306	113	118	1,217	112	15	89	1
Commercial/Industrial/Agricultural	46	34	2	44	33	2	2	1	-
Institutional Living Quarters	5	-	-	4	-	-	1	-	-
Other Housing Unit	1	1	-	-	-	-	1	1	-
Not Reported	-	-	-	-	-	-	-	-	-
Construction Materials of the Roof									
Galvanized Iron/Aluminum	2,621	1,629	257	1,831	1,511	255	790	118	2
Tile/Concrete/Clay Tile	98	19	5	79	19	5	19	-	-
Half G.I. and Half Concrete	254	104	27	173	102	27	81	2	-
Wood	75	26	-	62	26	-	13	-	-
Cogon/Nipa/Anahaw	1,400	20	3	467	7	2	933	13	1
Makeshift/Salvaged/Improvised	28	9	-	17	9	-	11	-	-
Asbestos/Others	17	1	-	5	-	-	12	1	-
Not Reported	7	-	-	7	-	-	-	-	-
Construction Materials of the Outer Walls									
Concrete/Brick/Stone	1,512	786	218	1,088	746	216	424	40	2
Wood	570	226	4	379	201	4	191	25	-
Half Concrete/Brick/Stone & Half Wood	782	677	65	550	665	65	232	12	-
Galvanized Iron/Aluminum	44	71	-	23	26	-	21	45	-
Bamboo/Sawali/Cogon/Nipa	1,410	29	3	526	17	2	884	12	1
Makeshift/Salvaged/Improvised	72	14	2	52	14	2	20	-	-
Asbestos/Glass/Others	97	5	-	13	5	-	84	-	-
No Walls/Not Reported	13	-	-	10	-	-	3	-	-
Year Built									
1986-1990	1,200	156	22	575	148	22	625	8	-
1981-1985	578	182	36	361	164	35	217	18	1
1971-1980	496	410	87	317	361	87	179	49	-
1961-1970	309	385	36	214	379	36	95	6	-
1951-1960	140	199	14	102	195	14	38	4	-
1950 or Earlier	71	98	1	51	77	1	20	21	-
Not Applicable	193	8	-	96	8	-	97	-	-
Don't Know/Not Reported	1,513	370	96	925	342	94	588	28	2
Condition (State of Repair)									
Needs No Repair/Needs Minor Repair	3,124	1,532	286	1,871	1,414	284	1,253	118	2
Needs Major Repair	875	237	5	513	225	4	362	12	1
Dilapidated/Condemned	107	15	-	61	14	-	46	1	-
Under Renovation/Being Repaired	66	11	-	45	10	-	21	1	-
Under Construction	196	8	-	98	8	-	98	-	-
Unfinished Construction	121	5	1	46	3	1	75	2	-
Not Reported	11	-	-	7	-	-	4	-	-
Floor Area of the Housing Unit									
less than 10 square meters	901	204	8	489	197	7	412	7	1
10-19 square meters	1,146	466	29	622	448	29	524	18	-
20-29 square meters	879	379	68	528	316	68	351	63	-
30-49 square meters	607	257	40	382	253	40	225	4	-
50-59 square meters	358	140	42	197	130	42	161	10	-
70-89 square meters	237	113	57	151	102	56	86	11	1
90-119 square meters	120	85	17	86	79	17	34	6	-
120 square meters and over	234	163	31	180	149	30	54	14	1
Not Reported	18	1	-	6	-	-	12	1	-

APPENDICES

BATAS PAMBANSA BLG.72

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

Be it enacted by the Batasang Pambansa in session assembled:

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

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

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

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

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

APPENDIX A

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

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

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

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

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

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

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

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

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

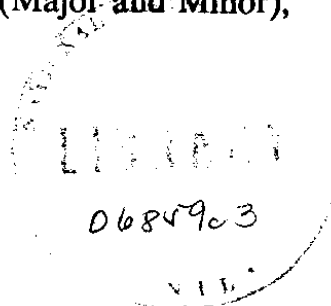
LIST OF UNPUBLISHED TABLES - HOUSING

- 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

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DEMOGRAPHIC CHARACTERISTICS**

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- 2 Household Population by Single-Year Age Classification and Sex, Urban-Rural: 1990
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- 6 Household Population by Sex and Citizenship: 1990
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- 23 Ever-Married Women 15 to 49 Years Old by Age Group and Age at First Marriage, Urban-Rural: 1990
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- 27 Households by Kind of Fuel Used for Cooking and City/ Municipality: 1990
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- 29 Households by Usual Manner of Garbage Disposal and City/ Municipality: 1990
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- U16 Ever-Married Women 15 to 49 Years Old by Number of Children Living, Age Group and City/Municipality: 1990**
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CPH FORM 1 May 1, 1990 NSCB Approval No. A0477-R191-MS Expires on - December 31, 1990	Republic of the Philippines NATIONAL STATISTICS OFFICE Manila <i>1990 Census</i> <i>of</i> <i>Population and Housing</i> LISTING BOOKLET	CONFIDENTIALITY: This census is authorized by Commonwealth Act No. 591 and B.P. Big 72. All information is held strictly CONFIDENTIAL .
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GEOGRAPHIC IDENTIFICATION

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

PROCESSING RECORD

	ACTIVITY	DATE		SIGNATURE OF PERSON RESPONSIBLE	REMARKS
		Started	Finished		
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 E

city/municipality _____

Barangay _____

ZA No. _____

DATE OF VISIT	CB Building Serial No.	Building Serial No.	Housing Unit Serial No.	Household Serial No.	Institutional Living Quarter Serial No.	NAME of Household Head or NAME/TYPE of Institutional Living Quarter IF VACANT HOUSING UNIT, WRITE VHU. IF VACANT BUILDING, WRITE VBLDG.	Address ENTER HOUSE NO. AND STREET NAME OR NAME OF SITIO	POPULATION COUNT		REMARKS
								Male	Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)

TOTAL
VACANT

TOTAL
INSTITUTIONAL LIVING QUARTER

PAGE TOTAL

No

APPENDIX E

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

DATE (May)	NUMBER OF HOUSEHOLDS ENUMERATED		REMARKS	NO. OF QUESTIONNAIRES						TS SIGNATURE AND REMARKS
	Daily	Cumulative Total		SUBMITTED TO TEAM SUPERVISOR			RETURNED BY TEAM SUPERVISOR			
				FORM 2	FORM 3	FORM 4	FORM 2	FORM 3	FORM 4	
1										
2										
3										
4										
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NOTES:

<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>
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GEOGRAPHIC IDENTIFICATION

Booklet _____ of _____ booklets

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)				

CERTIFICATION

I hereby certify that the data set forth were obtained/reviewed by me personally and in accordance with the instructions.

_____ Signature Over Printed Name of Enumerator	_____ Date Accomplished
_____ Signature Over Printed Name of Team Supervisor	_____ Date Reviewed

APPENDIX F

NAME		POPULATION							
		ALL							
LINE NUMBER	Who is the head of this household? Who are the persons usually residing here as of May 1, 1990? 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	Relationship to HH Head	Age		Sex	Marital Status	Religious Affiliation		
		What is _____'s relationship to the household head? ENTER 1 IF OVERSEAS WORKER 2 IF OTHERWISE.	Date of Birth	What is _____'s age as of his/her last birthday? ENTER MONTH AND YEAR. IF AGE IS LESS THAN ONE YEAR, ENTER '00'.	1 M A L E 2 F M A L E EN-CIRCLE CODE	What is _____'s marital status? ENTER CODE 1 Single 2 Married 3 Widowed 4 Divorced/ Separated 5 Others 6 Unknown FOR PERSONS BELOW 10 YEARS OLD ENTER '1'	What is _____'s religious affiliation? ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.		
		(P1)	(P2)	(P3)	(P4)	(P5)	(P6)	(P7)	(P8)
01			01	Mo. _____ Yr. _____		1 M 2 F			
02				Mo. _____ Yr. _____		1 M 2 F			
03				Mo. _____ Yr. _____		1 M 2 F			
04				Mo. _____ Yr. _____		1 M 2 F			
05				Mo. _____ Yr. _____		1 M 2 F			
06				Mo. _____ Yr. _____		1 M 2 F			
07				Mo. _____ Yr. _____		1 M 2 F			
08				Mo. _____ Yr. _____		1 M 2 F			

<p>ARE THERE MORE THAN 8 MEMBERS IN THIS HOUSEHOLD?</p> <p>1 Yes, USE ANOTHER BOOKLET</p> <p>2 No</p>	<p><i>Codes for P3, Relationship to Household Head</i></p> <table style="width:100%; border:none;"> <tr><td>01 Head</td><td>11 Father</td></tr> <tr><td>02 Spouse</td><td>12 Mother</td></tr> <tr><td>03 Son</td><td>13 Brother</td></tr> <tr><td>04 Daughter</td><td>14 Sister</td></tr> <tr><td>05 Stepson</td><td>15 Uncle</td></tr> <tr><td>06 Stepdaughter</td><td>16 Aunt</td></tr> <tr><td>07 Son-in-law</td><td>17 Nephew</td></tr> <tr><td>08 Daughter-in-law</td><td>18 Niece</td></tr> <tr><td>09 Grandson</td><td>19 Other Relative</td></tr> <tr><td>10 Granddaughter</td><td>00 Non-relative</td></tr> </table>	01 Head	11 Father	02 Spouse	12 Mother	03 Son	13 Brother	04 Daughter	14 Sister	05 Stepson	15 Uncle	06 Stepdaughter	16 Aunt	07 Son-in-law	17 Nephew	08 Daughter-in-law	18 Niece	09 Grandson	19 Other Relative	10 Granddaughter	00 Non-relative	<p><i>Codes for P8, Religious Affiliation</i></p> <table style="width:100%; border:none;"> <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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05 United Churches of Christ in the Phil.																													
Others, specify																													

CENSUS QUESTIONS

PERSONS

5 YEARS OLD AND OVER

Citizenship		Disability		Residence 5 Years Ago	Literacy	Highest Educational Attainment	L I N E N U M B E R
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?	Can _____ read & write a simple message in any language or dia- lect?	What is the highest grade/year completed by _____?	
ENCIRCLE CODE	ENTER APPROPRIATE CODE LISTED BELOW.	ENCIRCLE CODE	ENTER APPROPRIATE CODE LISTED BELOW.	7 Foreign Country 8 Same City/ Municipality 9 Unknown	ENCIRCLE CODE	ENTER APPROPRIATE CODE LISTED BELOW.	
1 Yes, SKIP TO P11.	IF OTHERS, SPECIFY.	1 Yes	IF OTHERS, SPECIFY.	IF ANOTHER CITY/MUNICIPALITY, SPECIFY THE CITY/MUN. AND PROVINCE.	1 Yes	IF GRADUATE OF POST-SECONDARY OR COLLEGE COURSE, SPECIFY FIELD OF STUDY.	
2 No		2 No, SKIP TO P17.			2 No		
(P9)	(P10)	(P11)	(P12)	(P17)	(P19)	(P22)	
1 Y	[]	1 Y	[]	[]	1 Y	[]	01
2 N		2 N			2 N		
1 Y	[]	1 Y	[]	[]	1 Y	[]	02
2 N		2 N			2 N		
1 Y	[]	1 Y	[]	[]	1 Y	[]	03
2 N		2 N			2 N		
1 Y	[]	1 Y	[]	[]	1 Y	[]	04
2 N		2 N			2 N		
1 Y	[]	1 Y	[]	[]	1 Y	[]	05
2 N		2 N			2 N		
1 Y	[]	1 Y	[]	[]	1 Y	[]	06
2 N		2 N			2 N		
1 Y	[]	1 Y	[]	[]	1 Y	[]	07
2 N		2 N			2 N		
1 Y	[]	1 Y	[]	[]	1 Y	[]	08
2 N		2 N			2 N		
Codes for P10, Country of Citizenship		Codes for P12, Disability		Codes for P22, Highest Educational Attainment			
01 People's Republic of China		1 Blindness		0000 No Grade Completed			
02 U. S. A.		2 Deafness		0100 Pre-school			
03 Indonesia		3 Muteness		ELEMENTARY			HIGH SCHOOL
04 India		4 Deafness/Muteness		1100 Grade 1			2100 1st Year
05 Japan		5 Speech Impairment		1200 Grade 2			3100 1st Year
06 Iran		6 Mental Illness		1300 Grade 3			3200 2nd Year
07 Australia		7 Mental Retardation		1400 Grade 4			3300 3rd Year
08 United Kingdom		8 Orthopedic Handicap		1500 Grade 5			3400 4th Year
Others, specify		9 Multiple Disability		1600 Grade 6 or 7			3500 5th Year
		0 Others, specify		3000 Undergraduate			Post-Secondary

APPENDIX F

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, 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 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-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 40%;">SQUARE METERS</th> <th style="width: 50%;">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
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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>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>H4, H7, H11 AND H12 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>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>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>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>																																	
<p>B5 IS TO BE ASKED FROM ANY HOUSEHOLD IN THE BUILDING/HOUSE.</p>	<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-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></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 style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td>B. Television</td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td>C. Refrigerator/Freezer</td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td>D. Telephone</td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td>E. Motor vehicle</td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> </tbody> </table> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>			1 Yes	2 No		A. Radio/Radio cassette					B. Television					C. Refrigerator/Freezer					D. Telephone					E. Motor vehicle							
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<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>H12 LAND OWNERSHIP</p> <p style="text-align: center;"><i>Does any member of this household own the following?</i></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></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 style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td>B. Agricultural land(s)</td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td>C. Other land(s)</td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> </tbody> </table> <p style="text-align: right;">ENTER CODE <input style="width: 50px;" type="text"/></p>			1 Yes	2 No		A. Other residential land(s)					B. Agricultural land(s)					C. Other land(s)					
01 1990	07 1971 - 1980																																	
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**CPH FORM 3
MAY 1, 1990**

Republic of the Philippines
NATIONAL STATISTICS OFFICE
Manila

CONFIDENTIALITY:

This census is authorized by Commonwealth Act No 591 and B. P. Big. 72.

All information is held strictly **CONFIDENTIAL**.

NSCB Approval No.
A0477-R193-MS

Expires on -
December 31, 1990

*1990 Census
of
Population and Housing*

SAMPLE HOUSEHOLD QUESTIONNAIRE

GEOGRAPHIC IDENTIFICATION

Booklet _____ of _____ booklets

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)

CERTIFICATION

I hereby certify that the data set forth were obtained/reviewed by me personally and in accordance with the instructions.

Signature Over Printed Name of Enumerator

Date Accomplished

Signature Over Printed Name of Team Supervisor

Date Reviewed

APPENDIX G

NAME		POPULATION						
		ALL						
LINE NUMBER	Who is the head of this household? Who are the persons usually residing here as of May 1, 1990? 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	Relation-ship to HH: Head	Age		Sex	Marital Status	Religious Affiliation	
		What is ___'s relationship to the household head?	Date of Birth	What is ___'s age as of his/her last birthday?	1 M A L E 2 F E M A L E EN-CIRCLE CODE	What is ___'s marital status? ENTER CODE 1 Single 2 Married 3 Widowed 4 Divorced/ Separated 5 Others 6 Unknown FOR PERSONS BELOW 10 YEARS OLD ENTER '1'	What is ___'s religious affiliation? ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.	
	(P1)	(P2)	(P3)	(P4)	(P5)	(P6)	(P7)	(P8)
01			01	Mo. _____ Yr. _____		1 M 2 F		
02				Mo. _____ Yr. _____		1 M 2 F		
03				Mo. _____ Yr. _____		1 M 2 F		
04				Mo. _____ Yr. _____		1 M 2 F		
05				Mo. _____ Yr. _____		1 M 2 F		
06				Mo. _____ Yr. _____		1 M 2 F		
07				Mo. _____ Yr. _____		1 M 2 F		
08				Mo. _____ Yr. _____		1 M 2 F		

ARE THERE MORE THAN 8 MEMBERS IN THIS HOUSEHOLD? 1 Yes: USE ANOTHER BOOKLET 2 No	Codes for P3, Relationship to Household Head				Codes for P8, Religious Affiliation			
	01 Head	11 Father	00 None		01 Roman Catholic			
	02 Spouse	12 Mother	02 Aglipay		02 Islam			
	03 Son	13 Brother	03 Iglesia ni Cristo		05 United Churches of Christ in the Phil.			
	04 Daughter	14 Sister	Others, specify					
	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							

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

		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.	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.		IF HOUSEWIFE, STUDENT, OR RETIREE, SKIP TO P25.	
	(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		
Elementary		High School	
1100	Grade 1	2100	1st Year
1200	Grade 2	2200	2nd Year
1300	Grade 3	2300	3rd Year
1400	Grade 4	2400	4th Year
1500	Grade 5	3000	Undergraduate Post-Secondary
1600	Grade 6 or 7		
		College	
		3100	1st Year
		3200	2nd Year
		3300	3rd Year
		3400	4th Year
		3500	5th Year

CENSUS QUESTIONS

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				LINE NUMBER
Did have a job or business during the past seven days?	What was _____'s 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?	Did looked for work during the past seven days?	Why did not look for work?	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 _____'s age at first marriage?	
EN-CIRCLE CODE 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	ENTER APPROPRIATE CODE LISTED BELOW. IF OTHERS, SPECIFY.	IF NONE, ENTER '00'	IF NONE, ENTER '00'	ENTER ACTUAL NUMBER.	ENTER AGE.	
(P25)	(P26)	(P27)	(P28)	(P29)	(P30)	(P31)	(P32)	(P33)	(P34)	(P35)	
1 Y				1 Y	1 Y						01
2 N				2 N	2 N						
1 Y				1 Y	1 Y						02
2 N				2 N	2 N						
1 Y				1 Y	1 Y						03
2 N				2 N	2 N						
1 Y				1 Y	1 Y						04
2 N				2 N	2 N						
1 Y				1 Y	1 Y						05
2 N				2 N	2 N						
1 Y				1 Y	1 Y						06
2 N				2 N	2 N						
1 Y				1 Y	1 Y						07
2 N				2 N	2 N						
1 Y				1 Y	1 Y						08
2 N				2 N	2 N						

Codes for P31, Reason for not Looking for Work

- | | |
|--|----------------------------------|
| 1 Believe no work available | 6 Too young, too old or retired, |
| 2 Awaiting results of previous job application | 7 permanent disability |
| 3 Temporary illness/disability | 8 Housekeeping |
| 4 Bad weather | 9 Schooling |
| 5 Waiting for rehire/job recall | Others, specify |

REMARKS:

APPENDIX G

HOUSING CENSUS QUESTIONS

B1 TO B4 ARE TO BE ANSWERED BY MERE OBSERVATION. IF DOUBTFUL, ASK THE RESPONDENT.

D1 IS TO BE ASKED FROM ANY HOUSEHOLD IN THIS HOUSING UNIT.

B1 TYPE OF BUILDING/HOUSE

- 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.)

ENTER CODE

B2 CONSTRUCTION MATERIAL OF THE ROOF

- 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 _____

ENTER CODE

B3 CONSTRUCTION MATERIAL OF THE OUTER WALLS

- 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

ENTER CODE

B4 STATE OF REPAIR

Determine the current condition of the building/house.

- 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

ENTER CODE

B5 IS TO BE ASKED FROM ANY HOUSEHOLD IN THE BUILDING.

B5 YEAR BUILDING/HOUSE WAS BUILT

When was this building/house built?

- | | |
|--------------|--------------------|
| 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 |

ENTER CODE

D1 FLOOR AREA OF THE HOUSING UNIT

What is the estimated floor area of this housing unit?

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 |

ENTER CODE

H1 TO H3 ARE TO BE ANSWERED BY ALL HOUSEHOLDS.

H1 FUEL FOR LIGHTING

What kind of fuel does this household use for lighting?

- 1 Electricity
- 2 Kerosene (gaas)
- 3 Liquefied petroleum gas (LPG)
- 4 Oil (vegetable, animal, etc.)
- 5 Others, specify _____

ENTER CODE

H2 FUEL FOR COOKING

What fuel does this household use most of the time for cooking?

- 1 Electricity
- 2 Kerosene (gaas)
- 3 Liquefied petroleum gas (LPG)
- 4 Charcoal
- 5 Wood
- 6 Others, specify _____
- 7 None

ENTER CODE

H3 MAIN SOURCE OF DRINKING WATER

What is this household's main source of drinking water?

- 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

ENTER CODE

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, GOTO H8
- 3 Being occupied for free with consent of owner → ENTER CODE, GOTO H9
- 4 Being occupied for free without consent of owner

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, GOTO 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, GOTO H9
- 4 Being occupied for free without consent of owner

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