

# SPECIAL RELEASE

## HOUSING CHARACTERISTICS IN LIBMANAN (Results of the 2015 Census of Population)

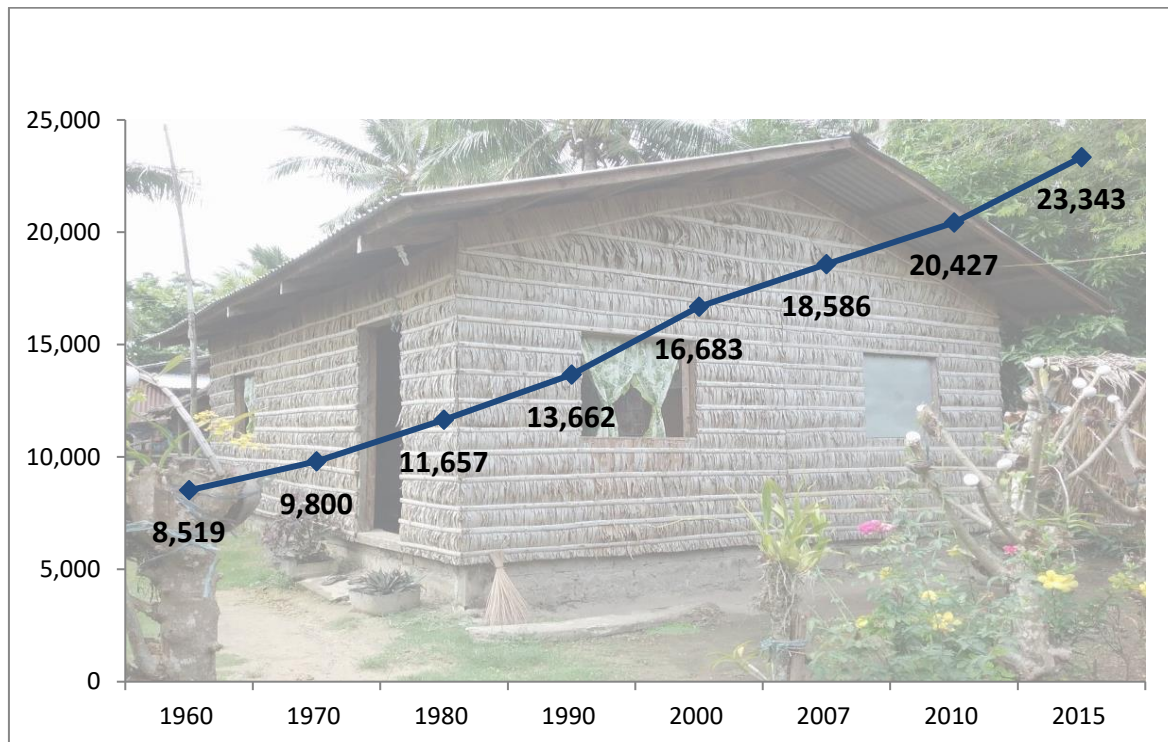
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### Occupied housing units in Libmanan reaches 23,343 in 2015

The number of occupied housing units in Libmanan reached 23,343 in 2015, higher by 2,916 housing units compared with that in 2010. In 1960, there were only 8,519 housing units recorded. The number of housing units went up to 9,800 in 1970, 11,657 in 1980, 13,662 in 1990, 16,683 in 2000, 18,586 in 2007, 20,427 in 2010, and 23,343 in 2015. The number of housing units in Libmanan increased by 14,824 from 1960 to 2015.

**Figure 1. Number of Occupied Housing Units, Libmanan: 1960- 2015**



Source: Philippine Statistics Authority, *Census of Population and Housing*

## There are 101 households per 100 occupied housing units in Libmanan

A total of 23,343 occupied housing units and 23,629 households were recorded in Libmanan in 2015. These translate to a ratio of 101 households for every 100 occupied housing units, with an average of 4.65 persons per occupied housing unit. In 2010, there were 100 households per 100 occupied housing units and an average of 4.90 persons per occupied housing unit. While in 2000, there were 101 households per 100 occupied housing units and 5.30 persons per housing unit.

**Table 1. Number of Occupied Housing Units, Number of Households, Household Population, and Ratio of Households and Household Population to Occupied Housing Units, Libmanan: 2000- 2015**

Censal Year	Occupied Housing Units	Number of Households	Household Population	Ratio of Households to Occupied Housing Units	Ratio of Household Population to Occupied Housing Units
2015	23,343	23,629	108,592	1.01	4.65
2010	20,427	20,670	99,837	1.00	4.90
2000	16,683	16,889	88,438	1.01	5.30

Source: Philippine Statistics Authority, *Census of Population and Housing*

## Majority of the occupied housing units are single houses

In 2015, single houses made up 94.63 percent of the total occupied housing units in Libmanan. About 4.01 percent of the total occupied housing units were of duplex type while 1.20 percent were multi- unit residential buildings/houses. In 2010, single houses accounted for 98.17 percent of the total occupied housing units, 1.10 percent were duplex, and 0.38 percent were multi- unit residential buildings/houses.



Single House



Duplex House



Multi-unit Residential



Commercial/ Industrial/  
Agricultural

**Table 2. Number of Occupied Housing Units by Type of Building/House, Libmanan: 2010-2015**



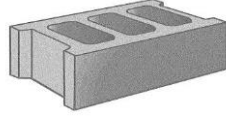

Type of Building/ House	Censal Year	
	2010	2015
Total	20,427	23,343
Single house	20,053	22,090
Duplex	224	936
Multi-unit residential	78	281
Commercial/industrial/agricultural	20	17
Institutional living quarter	3	2
Others	-	1
Not Reported	49	16

Source: Philippine Statistics Authority, *Census of Population and Housing*

### More occupied housing units with outer walls made of strong materials in 2015

There were more occupied housing units with outer walls made of concrete/brick/stone in 2015 than in 2010 in Libmanan. In 2015, 31.28 percent of the total occupied housing units had outer walls made of concrete/brick/stone. This was higher than the proportion of occupied housing units with outer walls made of concrete/brick/stone recorded in 2010 (29.94%). Similarly, the proportion of occupied housing units with outer walls made of half concrete/brick/stone and half wood increased from 13.18 percent in 2010 to 14.83 percent in 2015. On the other hand, the proportion of occupied housing units with outer walls made of wood decreased from 17.06 percent in 2010 to 14.86 percent in 2015.

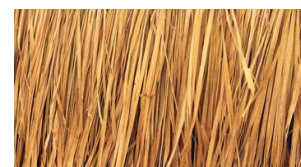
**Table 3. Number of Occupied Housing Units by Construction Materials of the Outer Wall, Libmanan: 2010-2015**

Construction Materials of the Outer Wall	Censal Year	
	2010	2015
 Total	20,427	23,343
Concrete/brick/stone	6,116	7,302
Wood	3,484	3,468
 Half concrete/brick/stone and half wood	2,692	3,462
Galvanized iron/ aluminum	171	195
Bamboo/sawali/cogon/nipa	7,625	8,647
Asbestos	3	5
Glass	-	1
 Makeshift/salvaged/improvised materials	157	90
Trapal	-	33
Others	108	90
 No walls	2	2
Not Reported	69	48

Source: Philippine Statistics Authority, *Census of Population and Housing*

## Occupied housing units with roofs made of strong materials decrease in 2015

The proportion of occupied housing units with roofs made of galvanized iron/aluminum decreased in 2015 in Libmanan. About 50.17 percent of the occupied housing units in 2015 had roofs made of galvanized iron/aluminum, which is lower than the proportion of 55.40 percent recorded in 2010. The proportion of occupied housing units with roofs made of bamboo/cogon/nipa/anahaw increased from 40.12 percent in 2010 to 41.79 percent in 2015.



**Table 4. Number of Occupied Housing Units by Construction Materials of the Roof, Libmanan: 2010-2015**

Construction Materials of the Roof	Censal Year	
	2010	2015
Total	20,427	23,343
Galvanized iron/aluminum	11,316	11,712
Tile/concrete/clay tile	96	203
Half galvanized iron and half concrete	615	1,484
Wood	90	-
Bamboo/cogon/ nipa/anahaw	8,195	9,755
Asbestos	2	8
Makeshift/ salvaged/ improvised materials	47	52
Trapal	-	23
Others	66	102
Not Reported	-	4

Source: Philippine Statistics Authority, *Census of Population and Housing*

## Most households live in housing units they owned or with owner-like possession of house and lot

Of the 23,629 households in Libmanan in 2015, 43.80 percent lived in a housing unit they owned or with owner-like possession of house and lot. Moreover, 41.44 percent of the households lived in their own housing unit and occupied lot for free but with consent of the owner. In addition, 4.63 percent of the total households lived in rent-free house and lot with consent of owner.

**Table 5. Number of Households by Tenure Status of the Housing Unit, Libmanan: 2015**

Tenure Status of the Housing Unit	Number of Households	%
Total	23,629	100.00
Own or owner like possession of house and lot	10,349	43.80
Rent house/room including lot	394	1.67
Own house rent lot	1,687	7.14
Own house rent-free lot with consent of owner	9,791	41.44
Own house rent-free lot without consent of owner	273	1.16
Rent-free house and lot with consent of owner	1,094	4.63
Rent-free house and lot without consent of owner	41	0.17
Not Applicable	-	-
Not Reported	-	-

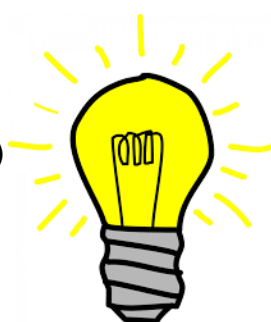
Source: Philippine Statistics Authority, *Census of Population and Housing*

### Majority of the households in Libmanan use electricity as fuel for lighting

Majority (83.49%) of the households in Libmanan in 2015 used electricity as fuel for lighting, while kerosene (gaas) ranked second with 3,714 households using kerosene (gaas) as their source of fuel for lighting in 2015. Meanwhile, 0.79 percent of the total households in Libmanan used either LPG, oil, solar panel, solar lamp or other source as their fuel for lighting.

**Table 6. Number of Households by Kind of Fuel for Lighting, Libmanan: 2015**

Kind of Fuel for Lighting	Number of Households	%
Total	23,629	100.00
Electricity	19,729	83.49
Kerosene (Gaas)	3,714	15.72
Liquified Petroleum Gas (LPG)	50	0.21
Oil (vegetable animal and others)	1	-
Solar panel	36	0.15
Solar lamp	62	0.26
Others	29	0.12
None	8	0.03
Not Reported	-	-



Source: Philippine Statistics Authority, *Census of Population and Housing*



## Shared faucet community water system is the main source of water supply for drinking in Libmanan

Shared faucet community water system was listed as the main source of water supply for drinking in Libmanan in 2015. Of the 23,629 households, 6,237 households drew water supply for drinking from shared faucet community water system while about 5,789 households drew water supply for drinking from own use faucet community water system. Shared tubed/piped deep well was listed as the third main source of water supply for drinking for 5,317 households.

**Table 7. Number of Households by Main Source of Water Supply for Drinking, Libmanan: 2015**

Main Source of Water Supply for Drinking	Number of Households	%
Total	23,629	100.00
Own use faucet community water system	5,789	24.50
Shared faucet community water system	6,237	26.40
Own use tubed/piped deep well	2,851	12.07
Shared tubed/piped deep well	5,317	22.50
Tubed/piped shallow well	149	0.63
Dug well	675	2.86
Protected spring	1,742	7.37
Unprotected spring	179	0.76
Lake, river, rain and others	61	0.26
Peddler	179	0.76
Bottled water	445	1.88
Others	5	0.02
Not Reported	-	-



Source: Philippine Statistics Authority, *Census of Population and Housing*

## 6,207 households in Libmanan reported own use faucet community water system as the main source of water supply for cooking

Own use faucet community water system was reported as the main source of water supply for cooking in Libmanan in 2015. Around 6,027 households used own use faucet community water system as the main source of water supply for cooking. Shared faucet community water system ranked second as the main source of water supply for cooking while shared tubed/piped deep well ranked third.

**Table 8. Number of Households by Main Source of Water Supply for Cooking, Libmanan: 2015**

Main Source of Water Supply for Cooking	Number of Households	%
Total	23,629	100.00
Own use faucet community water system	6,027	25.51
Shared faucet community water system	5,621	23.79
Own use tubed/piped deep well	3,219	13.62
Shared tubed/piped deep well	5,527	23.39
Tubed/piped shallow well	258	1.09
Dug well	851	3.60
Protected spring	1,724	7.30
Unprotected spring	173	0.73
Lake river rain and others	79	0.33
Peddler	75	0.32
Bottled water	74	0.31
Others	1	-
Not Reported	-	-



Source: Philippine Statistics Authority, *Census of Population and Housing*

  
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