



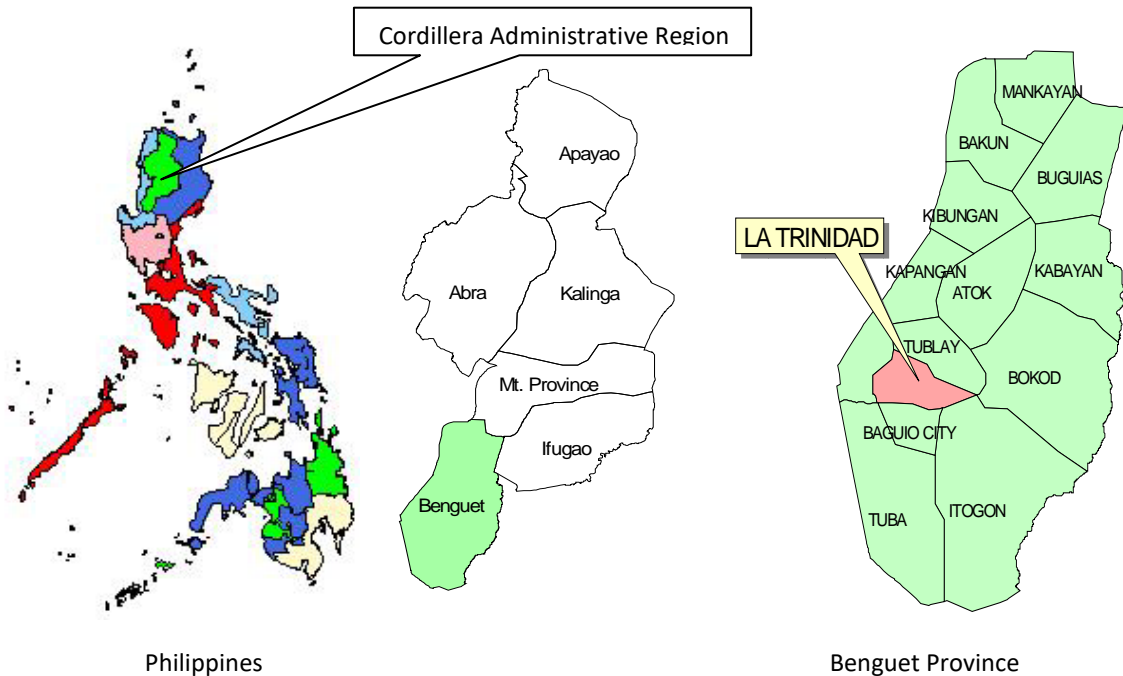
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BARANGAY WANGAL

PHYSICAL AND SOCIO-ECONOMIC PROFILE

I. PHYSICAL PROFILE¹

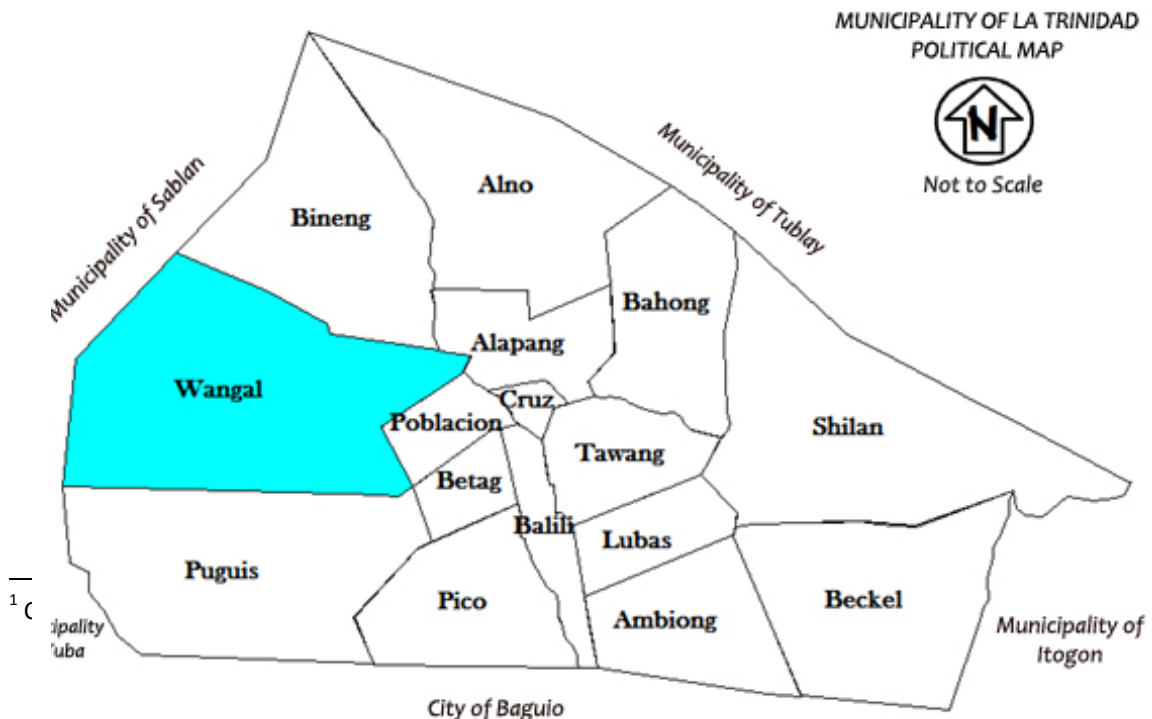
Geographic Location

Wangal is one of the 16 barangays of the Municipality of La Trinidad, which is 256 kilometers north of Metro Manila. It is located in the western part of the municipality. Its boundaries consist of Barangay Puguis on the South, Barangay Bineng on the North, and Barangay Poblacion in the West and the Municipality of Sablan on the East.



Philippines

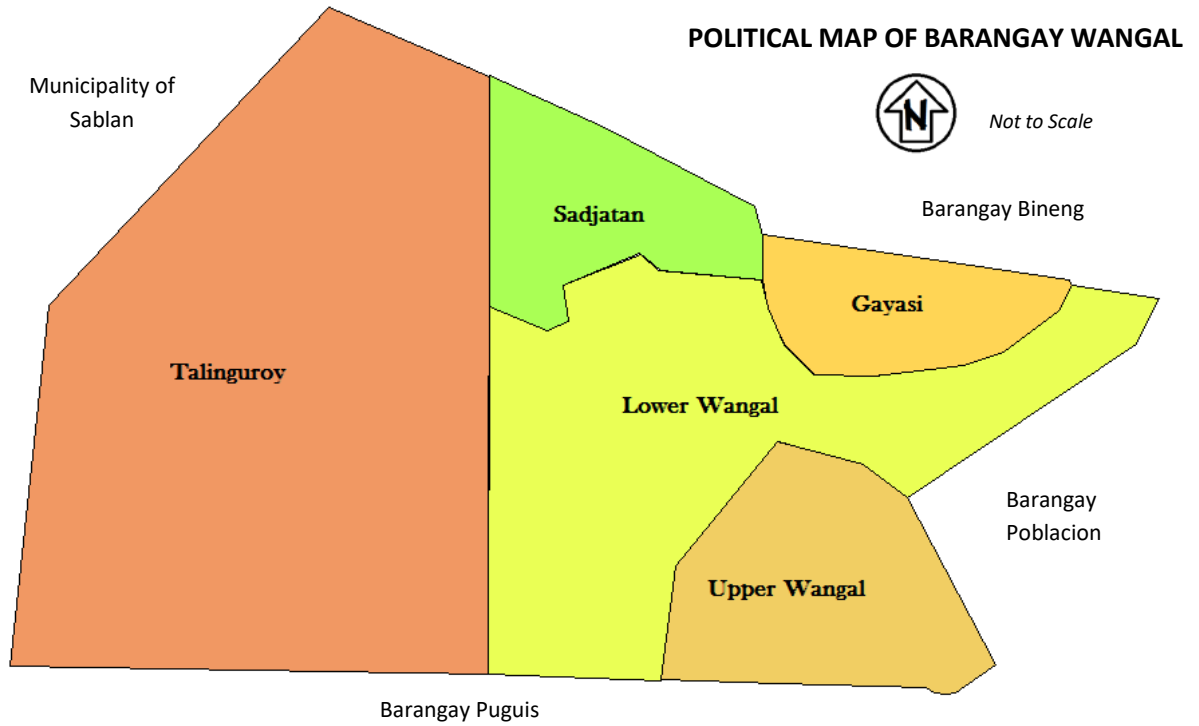
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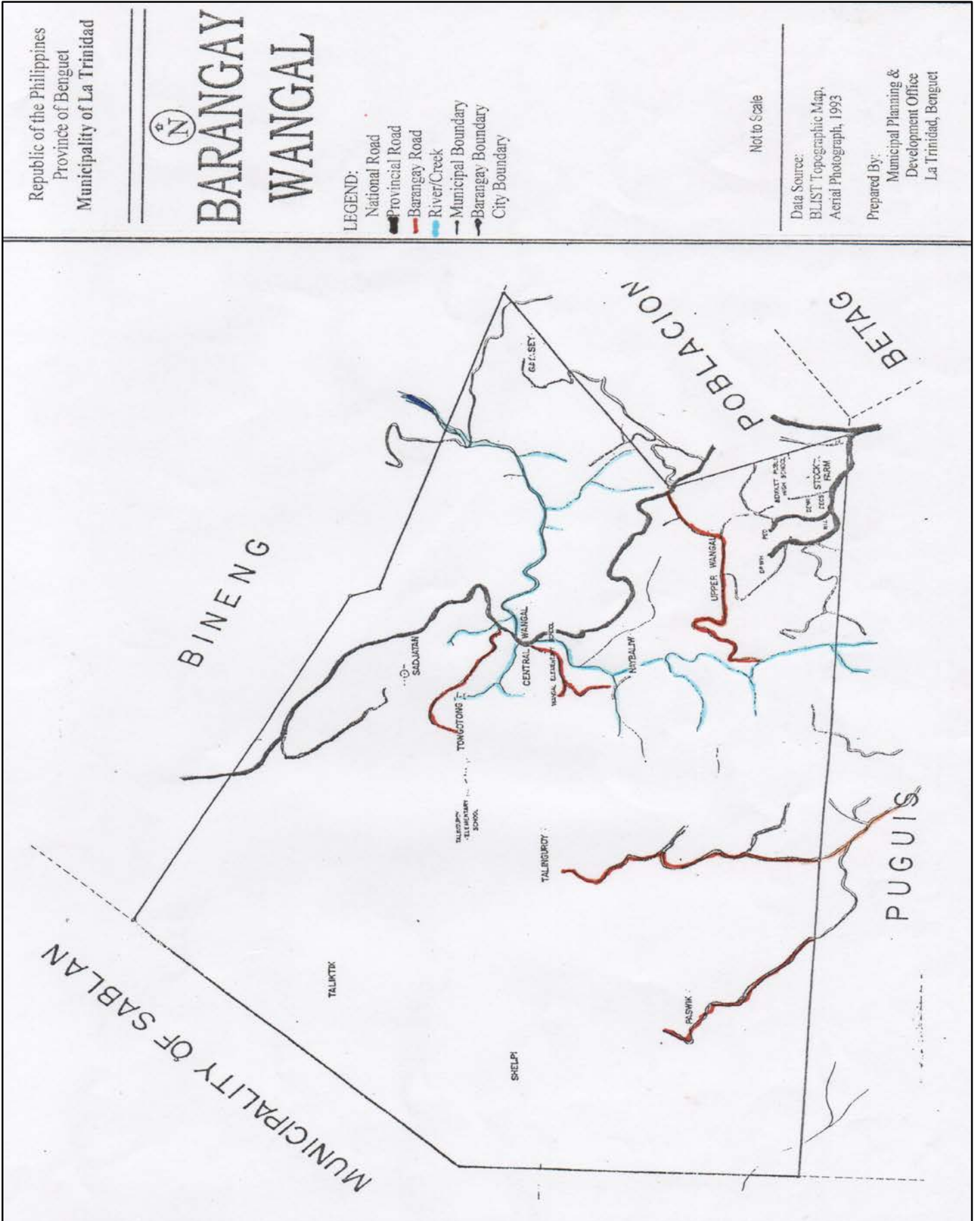
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Prepared By: MPDO La Trinidad under the CBMS Project, 2013



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Land Area and Political Subdivisions

The barangay occupies an estimated land area of 11.16 square kilometers representing 13.81 % percent, the largest among the 16 barangays of the municipal land area. The barangay is subdivided into 5 sitios: Upper Wangal, Central/Lower Wangal, Talinguoy, Sadjatan and Gayasi that is numbered as PA for Upper Wangal, PB for Lower Wangal, PC for Sadjatan, PD for Gayasi and PE for Talinguoy.

Accessibility

Wangal is accessible from the east, via the Buyagan- Wangal - Banengbeng Provincial road and the Pico-Puguis road through the Baguio-Bontoc highway. From the West, from the Bineng road, passing through Gayasi, one can reach Wangal.

Public Utility Jeeps are available at the Km5 Public Market to Central Wangal or from Baguio, those jeeps which ply Baguio to Housing (Upper Wangal). One can also take a jeep from the Windy Hill- Buyagan line, ending at the Wangal Barangay Hall. Taxis also ply the area.

Physical Characteristics

Soil Type

Rough Mountainous Land. These lands are very rough and may be best utilized for wildlife, forest and watershed. These are precipitous escarpments, high cliffs where slopes exceed 100 percent.

Puguis Gravelly Loam. Relief is moderately steep to very steep with undulating areas. Internal drainage is good while external is good to excessive. Elevation is from 900 to 1,300 meters. Organic matter content is 7.62 percent. The surface soil is brown, fine friable gravelly loam. Gravel is about 20 percent by volume, strong brown and soft when dry while dark brown and slightly sticky when wet.

This soil type is in danger of soil erosion. All cultivated areas should be properly terraced to hold the surface soil from being washed off. Yield is rather low and should be improved by liberal use of organic and inorganic fertilizers. Also, the soils are strongly acid throughout their profile.

Buyagan Clay Loam. The surface soil is reddish brown to yellowish brown to yellowish red, coarse to fine granular friable clay loam. Reddish yellow and slightly hard when dry, sticky and plastic when wet. Organic matter content is 6.8 percent.

Preferably the soil should be planted with fruit trees to avoid frequent cultivation and minimize soil runoff. For annual crops, the land should first be terraced to reduce soil erosion. In both permanent trees and annual crops, liberal application of organic and inorganic fertilizers will ensure more produce.



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Bineng Loam. Soils of this type are found at an elevation ranging from 900 to 1,400 above sea level. Organic matter content is 3.66 percent. The surface soil is reddish brown fine granular friable loam. Few pebbles are present.

To maintain soil fertility and improve yield, the appropriate fertilizer should be applied. Strip cropping and cover cropping should be practiced on cultivated sloping grounds to minimize soil erosion.

Topography, Slope Categories, Drainage and Erosion Potential

The topography of the area shows a relatively large portion of the barangay is very young, specifically that area which is rough mountainous land. This characteristic of the area makes it very highly susceptible to erosion and other geologic hazards.

However, the erosion potential of the area is not solely dictated by the topographic relief, other factors such as steepness and length of the slope, amount and intensity of rainfall, types of vegetation, cropping pattern and cultural practices (e.g. kaingin system) must also be taken into consideration.

If the area is very steep, rain falls in torrents only six months of the year (not distributed throughout the year) and vegetation is mostly grass, then there is a higher probability that erosion will be faster than the normal rate.

Another factor in the rate of erosion is the drainage characteristic of the area, which is of two kinds. The external drainage hints at the velocity of surface run-off while the internal drainage is concerned about the speed of infiltration or percolation. Since water is also an agent of erosion, the drainage characteristic of an area also has effects on the rate of erosion.

Soil Types by Topography, Slope, Erosion Potential and Drainage

<i>Soil Type</i>	<i>Topographic Relief</i>	<i>Slope</i>	<i>Erosion Potential</i>	<i>Drainage</i>	
				<i>Internal</i>	<i>External</i>
<i>Buyagan Clay Loam</i>	Level to nearly level	0-3%	E= 0	Good to excessive	Good
	Sloping to moderately steep	15-25%	E= 2.1		
	Moderately steep to steep	26-40%	E= 3.2		
<i>Puguis Gravelly Loam</i>	Sloping to moderately steep	15-25%	E= 1.2	Good to excessive	Good
	Moderately steep to steep	26-40%			
	Very steep	60% up			
<i>Bineng Loam</i>	Sloping to moderately steep	15-25%	E= 2.1	Good	Good
	Very steep	60% up	E= 4.1		
<i>Rough Mountainous Land</i>	Level to very steep	0-60%	E= 2.2	Good	Good
	Very steep mountainous	60% up	E= 5.1		



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Sources: CLUP of La Trinidad, 2001-2011, Soil Survey of Benguet Province, Office of the Provincial Agriculturist

Legend: E= 0 to 1.3 (not susceptible to erosion); E= 2.1 to 2.2 (slightly susceptible to erosion)

E= 3.1 to 3.2 (moderately susceptible); E= 4.1 (highly susceptible); E= 5.1 (very highly susceptible)

Climate

The climate in Benguet falls under Type 1 by the Coronas System of classification and is characterized by two pronounced seasons: wet and dry. Wet season is from May to October while the dry season is from November to April.

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) recorded an annual amount of rainfall for year 2011 at 4,033 mm with 190 rainy days. August was recorded as the rainiest month with rainfall amounting to 1,096.3 mm on average. Since most of Wangal is a highland area in the municipality, it is frequently attacked not only by the northeast and southeast monsoon but also by cyclones.

The climate is refreshingly cool with temperature ranging from 12.3°C in the month of January at its coldest to 25.7°C at its warmest during the month of April. The average daily temperature is 19 degrees Centigrade while the average relative humidity is 88 percent due to the higher altitude.

The temperature condition of the area is suitable for all-year round cultivation of temperate vegetables. The cropping calendar is affected mainly by excessive rainfall, strong winds damage due to typhoons during the wet season and shortage of water in the dry season.

Hydrogeology

Tertiary sedimentary rocks comprise the Kennon formation of the Upper Miocene, which is composed mainly of limestone, and the Zigzag formation, which is composed of sandstone, conglomerate, shale and tuff. The Kennon formation covers La Trinidad Valley and its southern and eastern hills including the high elevation areas which Wangal is included. The limestone in the area has a structure that is rich in fissures, fractures and joints resulting in high permeability and involves the possibility of forming a solution cavity, while La Trinidad Valley contains much shale, marl and limestone sand which has low permeability.

The permeability of the soil and the rocks underneath indicates the possible availability of groundwater. Limestone, ordinarily are very compact sedimentary stones, so they are not very permeable. But when the area is rich in fissures or even faults that result from ground movements (e.g. earthquakes), which are ordinary geologic phenomena, water can seep in along the cracks and be stored underground. These areas where water is stored are called aquifers. Sometimes, though, instead of being stored underneath, the groundwater springs out at some end sites of the slope.



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Hence, many springs in the area are found along the contour lines of about EL. 1,200 meters in Bahong to Alapang areas, about EL. 1,100 meters in Sadag to Alno areas, about EL. 950 meters in Bineng area, about EL 710 meters in Boleweng area.

Availability of Groundwater

<i>In Porous Formation</i>	<i>Permeability</i>
1. Extensive and rich aquifers; alluvial deposit, mostly sand, gravel and silt; Pyroclastic and tuffaceousclastic rocks; Conglomerate and sandstone; Tuffaceous sandstone and silt stone.	Frequently high
2. Local or disconnected aquifers; Alluvial deposits, mostly sand, silt and clay; Agglomerate, sandy stuff, and beds; Conglomerate and sandstone and silt stone; Tuffaceousclastic rocks.	Variable
<i>In Fissured Rocks (along faults or fault lines)</i>	
1. Local or disconnected aquifers; basalt and pyroclastic rocks; limestone; marbleized limestone.	Frequently high
<i>Generally, in regions without or only very little groundwater</i>	
1. But not exceeding water at great depth; pyroclastic rocks, conglomerate and shale; Agglomerate tuff and andesite; Shale, sandstone and conglomerate	Low to very low
2. Not even at great depth; volcanic rocks, andesite; diorite; ultramafic rocks, undifferentiated volcanic rocks.	

Source: HIRDP-JICA Feasibility Study, 1988

The Zigzag formation is an impermeable basement, and the groundwater table forms on the basement at the end of the wet season. Inside the cracks of the groundwater table, water may be stored even in the dry season. Generally, collection of groundwater is understood to occur in portions where the cracks are concentrated, namely at fault sites.

Most, if not all, of the above-mentioned spring water are utilized for drinking, domestic and irrigation purposes. The barangay is also dependent on the Gayasi and Wangal rivers for domestic and irrigation water.

Natural Resources

Forest

Some of the forested areas of Wangal still belong to the Benguet State University as part of its school reservation, which was declared through Presidential Proclamation No. 209 during Ramon Magsaysay term. However, its actual use is partly agro-forest while the rest have already been converted for agricultural purposes though they are still classified as public forestlands. There are



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quite a number of people already living there since the Spanish Period, making them qualified to apply for recognition as ancestral land claimants.

In 2003, the barangay government moved for the declaration of a portion of Talinguoy as a communal forest. Talinguoy is one of the oldest barangay of La Trinidad during the Spanish period in Wangal. There are quite a number of people already living there since the Spanish time.

Surface Water

The hilly areas of Ampasit and Longlong in the western part of La Trinidad provides a catchment basin of water that supply the Wangal River, which drains northward and joined by various tributaries along the left bank. The Wangal River eventually converge with the tributaries at Sadjatan in the Lower Wangal area and changes its direction to the east, to become a tributary of the Gayasi river, then finally drains northeast to join the Balili River at Bineng.

Springs and Groundwater

The immediate environs of the municipality contain an alluvium of clayey sediment that is semi-permeable. Groundwater in the tertiary rocks, which generally form impermeable strata, occurs as fissure water; while Puguis and South Wangal, which are mostly composed of conglomerates, have phreatic groundwater, with rocks having a high water retention ratio.

The existence of conglomerates at the upstream area of Wangal River particularly at Longlong and its adjacent western vicinities provides for the occurrence of groundwater. However, these conglomerates are interposed with loose and poorly graded layers along the accumulating surfaces, indicating that groundwater available is "confined water".

During the dry season, shallow wells of 10-20 meters depth which maintain a static water creek ranging from 3 to 7 meters consequently run dry, perhaps attributed to poor discharge from aquifers.

Geologic Hazards and Tectonic Faults

DENR survey/mapping indicates that the barangay is vulnerable to geologic hazards. This is attributed to the presence of active faults along the branches of the northern segment of the Philippine Fault Zone, which trigger seismic movements of the fault splays within the barangay. In addition, the barangay's rugged topography, geologic composition, extreme rainfall and climate make it highly vulnerable to geologic hazards such as landslides, erosion, and ground movements.

Faults which have been inferred from readings showing sharp lineament on aerial photographs are mainly the following four fault lines: Tawang to Mt. Pico fault line, Wangal fault line, Tacdian to Alno fault line and Bagto block crossing fault lines.



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The characteristic and scale of the faults may be difficult to determine because the faults are covered with residual deposit material. However, it can be considered that there are relatively wide sheared fracture zones in the fault lines (HIRDP-JICA Feasibility Study, 1988).

Lithology

The municipality of La Trinidad is underlain by various lithologic units, enumerated chronologically as Cretaceous Agno Gabarro, Middle Miocene Zigzag Formation, Upper Miocene Klondyke Formation and Quaternary Alluvials (CLUP). Barangay Wangal covers only two of these lithological units.

<i>Soil Types</i>	<i>Parent Materials</i>	<i>Geologic Rocks</i>	<i>Hazard Zoning</i>
Buyagan Clay Loam	Limestone	Klondyke and Zigzag Formations, Kennon Limestone	Medium-Risk
Puguis Gravelly Loam	Sandstone, Diorite & Conglomerates	Klondyke Formations Zigzag Formations	Medium & High-Risk
Bineng Loam	Sandstone Diorite	Klondyke Formations	Medium & High-Risk
Rough Mountainous Land	Sandstone Conglomerates, Shale & Tuff	Klondyke Formations Zigzag Formations	Medium & High-Risk

Sources: HIRDP, Soil Survey of Benguet Province.

The early Middle Miocene Zigzag Formation is the second oldest formation. It consists of clastic sedimentary rocks such as conglomerates, mudstone and sandstones, which are generally weathered making its mass strength low. Clastic members of this formation are good aquifers for groundwater.

The Kennon Limestone, which is a member of the Zigzag Formation, is buff-colored and generally bedded with gentle dips. It shows characteristic karst topography with sinkholes. It is evaluated as having medium rock mass strength.

The early Upper Miocene Klondyke Formation covers a large portion of the Municipality. It lies uncomfortably above the Zigzag Formation. It includes volcanoclastic members such as andesitic conglomerates, sandstones and pyroclastics. The east outcrops are hydro-thermally altered and host gold mineralization. Deep weathering and alteration make its rock mass strength low.

Hazard Zoning

Barangay Wangal is divided into two hazard zones: medium and high, based on geology, structure, slope gradient, and mass movements. Medium Hazard Zones have moderate slopes, other structural lineaments and rocks of medium mass strength. Agriculture is best suited for this zone.



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High Hazard Zones have active mass movements. They are best suited for land uses with minimum elements (lives and properties) at risk. Bare rock portions are best left as parks or open spaces while those with soil cover should be forested.

II. DEMOGRAPHY

Population, Growth, and Population Estimates

Wangal's population has grown from 673 in 1975, slowly growing to 809 in 1980, 114 in 1990, 1927 in 1995, 2223 in 2000, 4218 in 2007 and in 2010, 4907.

Population: Census years 1975-2010

<i>Census</i>	1975	1980	1990	1995	2000	2007	2010
<i>Population</i>	673	809	1144	1927	2223	4218	4907

Source: NSO

Between, 1990 and 1995, the population grew at a high 10.2% and slowed down between 1995 and 2000 at 3.11. Between years 2000 and 2007, a high growth rate of 9.58% is derived, and between 2007 and 2010, the growth rate is 5.17%.

<i>Intercensal Growth Rate</i>				<i>AVERAGE GROWTH RATE</i>
<i>1990-1995</i>	<i>1995-2000</i>	<i>2000-2007</i>	<i>2007-2010</i>	
10.2	3.11	9.582	5.17	7.02

Source: LT Physical & Socio-Economic Profile 2011

Using the derived average growth rate of 7.02%, the projected population for year 2013 is 6,014 persons with 1,504 households. While for 2014, the projected population is 6,436 with estimated households of 1,609. In 2015, the projected population is at 6,888 with estimated households of 1,722.

<i>Year</i>	<i>Projected Population</i>	<i>Estimated No. of HHs</i>
2011	5,251	1,313
2012	5,620	1,405
2013	6,014	1,504
2014	6,436	1,609
2015	6,888	1,722
2016	7,371	1,843
2017	7,888	1,972
2018	8,441	2,110
2019	9,034	2,258
2020	9,667	2,417

Source: MPDO Estimates based on Census 1995, 2000, 2007, & 2010

Population Doubling Time: 10 years



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In a separate survey conducted jointly by the municipal and barangay local governments, the total population of Wangal in 2010 was 4,293, wherein the total male population was 2,139, representing 49.83% of the total. The female population was 2,154, representing 50.17%. The total number of households was 1,003 with an average household size of 4.

Sex	#	%
Male	2,139	49.83%
Female	2,154	50.17%
Total	4,293	100.00%

Total Number of Households : 1,003

Average Household size : 4

Source: CBMS 2010

Population by Sitio

Majority or 68% of the population reside in Upper Wangal, another 11% in Gayasi, 10% in Talinguroy, 9% in Lower Wangal, and 3% in Sadjatan.

Population by Sitio	Households		Population
	#	%	#
Upper Wangal	678	68%	2923
Lower Wangal	93	9%	361
Sadjatan	26	3%	129
Gayasi	107	11%	473
Talinguroy	99	10%	407
<i>Total</i>	<i>1003</i>	<i>100%</i>	<i>4293</i>

Source: CBMS 2010

Density & Classification

The population density in Wangal increased from 1.03 persons per square kilometer in 1990 to 1.73 in 1995 and 1.99 in 2000. From 2000 to 2007, the density increased to 3.78 and 4 persons per square kilometer in 2010. Based on this, Wangal is still classified as a rural barangay.

Population Density (Persons per Square Km)

Census yr	1990	1995	2000	2007	2010
Density	1.03	1.73	1.99	3.78	4

Source: La Trinidad Physical & Socio-Economic Profile 2011

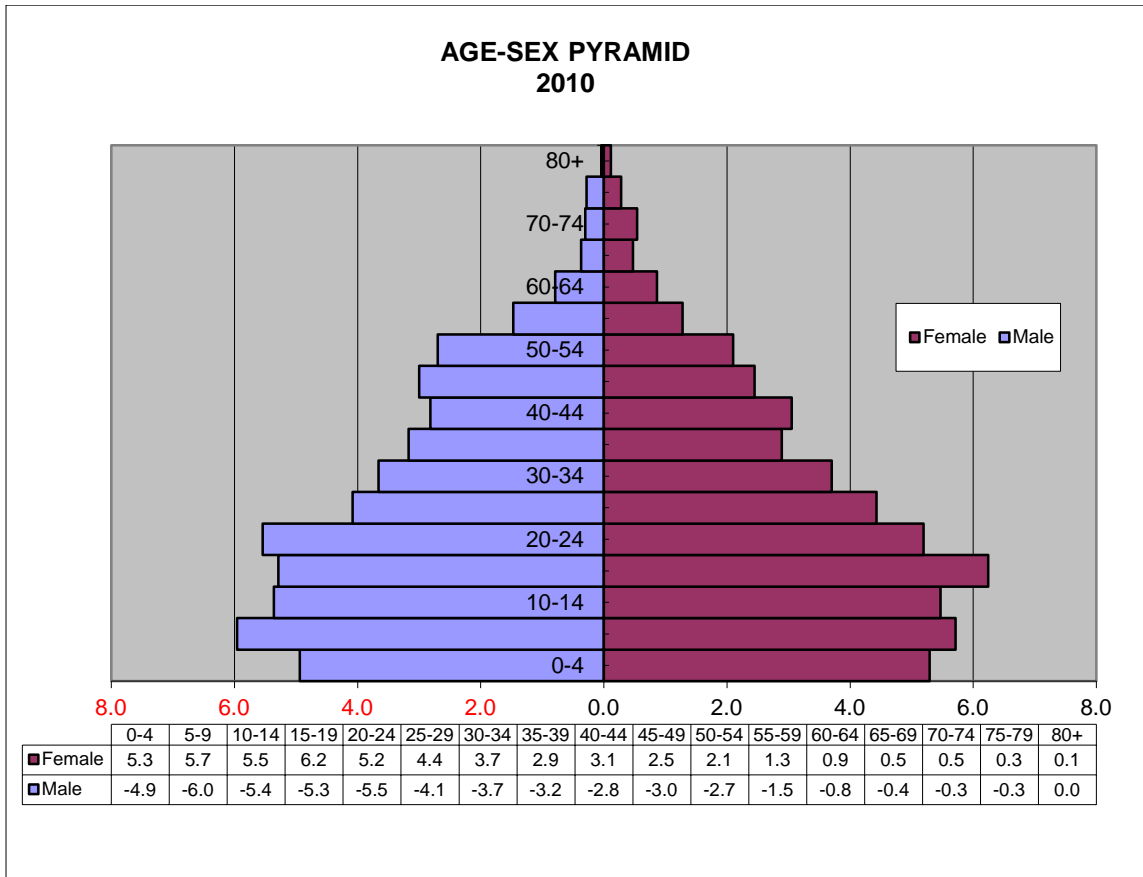
Population by Sex & Age Groups

Males ageing 5-9 have the greatest number having 5.96% of the total population. Females ageing 15-19 have the highest population from the female group having 6.24% of the total population. The sex ratio was 99.30% which means that for every 100 females, there are 99 males. The age group of 75-79 shows that the sex ratio is 100%. This indicates that there were equal numbers of males to females.



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The age groups of 0-4, 10-14, 15-19, 25-29, 30-34, 40-44 and 60 and above indicate that females have predominance in population except the age group of 75-79 which was equal. A ratio higher than 100 indicates that there is predominance of the male population as can be seen in age groups 5-9, 20-24, 35-39, and 45-59.



Population by Sex & Age Groups

Age	Total	Male	Female	% Male	% Female	Sex Ratio
0-4	439	212	227	4.94%	5.29%	93.39
5-9	501	256	245	5.96%	5.71%	104.49
10-14	465	230	235	5.36%	5.47%	97.87
15-19	495	227	268	5.29%	6.24%	84.70
20-24	461	238	223	5.54%	5.19%	106.73
25-29	365	175	190	4.08%	4.43%	92.11
30-34	316	157	159	3.66%	3.70%	98.74
35-39	260	136	124	3.17%	2.89%	109.68
40-44	252	121	131	2.82%	3.05%	92.37
45-49	234	129	105	3.00%	2.45%	122.86
50-54	206	116	90	2.70%	2.10%	128.89
55-59	118	63	55	1.47%	1.28%	114.55
60-64	71	34	37	0.79%	0.86%	91.89
65-69	36	16	20	0.37%	0.47%	80.00



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70-74	36	13	23	0.30%	0.54%	56.52
75-79	24	12	12	0.28%	0.28%	100.00
80+	14	4	10	0.09%	0.23%	40.00
Total	4,293	2,139	2,154	49.83%	50.17%	99.30

Source: CBMS 2010

Age	Both Sexes	Male	Female	% to Pop
0	40	21	19	0.93%
1	112	60	52	2.61%
2	101	43	58	2.35%
3	86	41	45	2%
4	100	47	53	2.33%
5	105	58	47	2.45%
6	96	45	51	2.24%
7	116	45	71	2.70%
8	86	55	31	2%
9	98	53	45	2.28%
10	100	51	49	2.33%
11	88	41	47	2.05%
12	99	47	52	2.31%
13	79	36	43	1.84%
14	99	55	44	2.31%
15	102	42	60	2.38%
16	85	47	38	1.98%
17	91	41	50	2.12%
18	117	48	69	2.73%
19	100	49	51	2.33%
20	124	71	53	2.89%
21-25	410	200	210	9.55%
26-30	382	194	188	8.90%
31-35	278	133	145	6.48%
36-40	263	138	125	6.13%
41-45	237	112	125	5.52%
46-50	235	132	103	5.47%
51-55	187	104	83	4.36%
56-60	120	65	55	2.80%
61-65	57	27	30	1.33%
66 & over	100	38	62	2.33%

Source: CBMS 2010



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Age Dependency

The total number of the working age group is 2,778, representing 63% of the total population. The total dependents are 1,515 or 35%. This number of dependents consists of 110 elderly and 1,405 young-age dependents.

<i>Dependency Ratios</i>	<i>#</i>	<i>% to Total</i>	<i>Ratio</i>
Young-age dependency ratio (0-14)	1,405	33%	50.6
Old-age dependency ratio (65+)	110	3%	4.0
Age dependency ratio (Total Dependent)	1,515	35%	54.5
Working age group (15-64)	2,778	65%	45.46

Source: CBMS 2010

Median Age

The population of Wangal has a median age of 22 years old. This means that half of the population belongs to the young population ages 22 years old and below.

Migration

Out of the total population in Wangal 341 are migrants. These 341 migrants represent 7.94% of the total population. Male migrants are at 151 which represent 44.28% of the total number of migrants. Female migrants are at 190 or 55.72% of the total. The In-migration rate is very high at 69.50 indicating that Wangal is an in-migration area, owing to its proximity to the urban center.

<i>Migrants by Sex</i>	<i>#</i>	<i>%</i>
Male	151	44.28%
Female	190	55.72%
<i>Total to Population</i>	<i>341</i>	<i>7.94%</i>

Source: CBMS 2010

In-Migration Rate : 69.50

Length of Residency

In terms of length of residency, there are 1,945 residents who resided in Wangal since birth, representing less than half, at 45.31% of the total population. Residents for 0 to 5 years are 1,162 representing 27.07%. Residents for 6 to 10 years accounted for 546 representing 12.72%. Three hundred fifty have been residents for 11-15 years representing 8.15%.

<i>Length of Residency</i>	<i>#</i>	<i>%</i>
0 - 5 Years	1,162	27.07%
6 - 10 Years	546	12.72%
11 - 15 Years	350	8.15%
16 - 20 Years	162	3.77%
21 - 25 Years	42	0.98%
26 - 30 Years	44	1.02%



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31 - 35 Years	20	0.47%
36 - 40 Years	12	0.28%
41 - 45 Years	2	0.05%
46 - 50 Years	4	0.09%
51 - 55 Years	1	0.02%
56 - 60 Years	2	0.05%
61 - 65 Years	1	0.02%
Since Birth	1,945	45.31%
Total	4293	100.00%

Source: CBMS 2010

III. SOCIAL CHARACTERISTICS

A. CULTURAL ATTRIBUTES

Religious Affiliation

Most the residents of Wangal belong to the Catholic sector with 2,286 members or 53.25% of the total population. Protestant members account to 673 members or 15.68% of the total. Members of Baptist church account for 10.76%. The rest of the population belongs to various 30 different religious denominations.

<i>Religion</i>	<i>Total</i>	<i>%</i>	<i>Religion</i>	<i>Total</i>	<i>%</i>
Ablaze	10	0.23%	Jesus Miracle Crusade	2	0.05%
Aglipay	2	0.05%	KKMI	5	0.12%
Alliance	19	0.44%	Lutheran Church	57	1.33%
Ang Dating Daan	3	0.07%	Methodist	6	0.14%
Anglican	167	3.89%	Mormon	2	0.05%
Assembly of God	24	0.56%	Nazarene	13	0.30%
Baptist	462	10.76%	Paltiing	70	1.63%
Born Again	87	2.03%	Pentecostal	77	1.79%
CDCC	5	0.12%	PMCC	3	0.07%
Christian Science	7	0.16%	Protestant	673	15.68%
Comacop	17	0.40%	Roman Catholic	2,286	53.25%
CSPI	17	0.40%	SDA	7	0.16%
Evangelical	5	0.12%	Spiritista	21	0.49%
FMM	3	0.07%	UCC P	62	1.44%
Free Believers	21	0.49%	Wesleyan	11	0.26%
Iglesia ni Cristo	53	1.23%	None	50	1.16%
Islam	2	0.05%	Not Stated	7	0.16%
Jehovah's Witnesses	37	0.86%	<i>Total</i>	<i>4,293</i>	

Source: CBMS 2010



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Membership to a Community Organization (10 years old and above)

In terms of participation in community affairs, 151 are members to a community organization or only 4.5% of the population, 10 years old and above. While 1,589 are not members of any organization, or 95.5% of the population. Out of the total members, 59 of them were male and 92 were female. From the total non-members, 1,612 are male and 1,589 are female.

<i>Membership to a Community Organization</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Member	59	92	151	4.50%
Non-Member	1,612	1,589	3,201	95.50%
<i>Total</i>	<i>1,671</i>	<i>1,681</i>	<i>3,352</i>	<i>100.00%</i>

Source: CBMS 2010

Of the 151, one third are members of the Senior Citizens Association. And 21.85% are members of a farmers group/ agricultural organization, and 15.89% are members of a Women's Group.

<i>Organization Membership by Type</i>	<i>#</i>	<i>%</i>
Religious Group	10	6.62%
Youth Group	5	3.31%
Cultural Organization	0	0%
Political Group	0	0%
Women's Organization	24	15.89%
Agriculture-based Organization	33	21.85%
Labor Organization	5	3.31%
Civic Association	3	1.99%
Cooperative	12	7.95%
Senior Citizens	52	34.44%
Others	7	4.64%
<i>Total</i>	<i>151</i>	<i>100.00%</i>

Source: CBMS 2010

Ethnicity

Originally an Ibaloi settlement, the Kankanaey comprises most of the population in Wangal at 1,808 or 42.12% of the total population. This is followed by the Ibaloi with 1,519 or 35.38% of the population. 379 or 8.83% are Kalanguya. The rest belong to various 14 other indigenous groups.

<i>Indigenous Group</i>	<i>#</i>	<i>%</i>
Bago	17	0.40%
Bisaya	2	0.05%
B'laan	4	0.09%
Bontoc	1	0.02%
Bukidnon	2	0.05%
Ibaloi	1,519	35.38%
Ibanag	1	0.02%
Ifugao	7	0.16%
Ilianen	1	0.02%
Ilocano	66	1.54%

Source: CBMS 2010

<i>Indigenous Group</i>	<i>#</i>	<i>%</i>
Isinai	7	0.16%
Kalanguya	379	8.83%
Kalinga	1	0.02%
Kankanaey	1,808	42.12%
Mangyan	1	0.02%
Pangasinan/Pangalatot	6	0.14%
Tagalog	13	0.30%
Not Stated	1	0.02%
No Indigenous Tribe	457	10.65%
<i>Total</i>	<i>4,293</i>	<i>100.00%</i>



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B. EDUCATION

Literacy (10 years old and above)

The literacy rate of Wangal is high at 98% of the population, who are ten years old and over, comparatively the same at the municipal rate. Out of 3,288, 10 years old and above who are literate, 1,646 were male and 1,642 were female. The number of illiterate was at 64 or 2% of the total population. Twenty-five were male illiterates and thirty nine were female.

<i>Literacy by Sex</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Literate	1,646	1,642	3,288	98%
Illiterate	25	39	64	2%
<i>Total</i>	<i>1,671</i>	<i>1,681</i>	<i>3,352</i>	<i>100%</i>

Source: CBMS 2010

Of the total population, 34.31% are still going to school. And 65.69% were not going to school, (this number includes all age brackets). Of the total number of persons going to school, 727 were male and 746 were female. Persons not attending school were at 2,820, comprising of 1,288 male and 1,278 female.

<i>Attending School by Sex</i>	<i>M</i>	<i>F</i>	<i>#</i>	<i>%</i>
Attending School	727	746	1,473	34.31%
Not attending School	1,288	1,278	2,820	65.69%
<i>Total</i>	<i>2015</i>	<i>2024</i>	<i>4293</i>	<i>100.00%</i>

Source: CBMS 2010

Educational Attainment of Population aged 3 years old and above

According to educational attainment, there are 349 who were not able to go to school with 168 males and 181 females representing 8.64% of the total population. There are 93 who were able to go to day care with 40 males and 53 females. 103 persons were able to enter nursery, kindergarten or preparatory with 49 males and 54 females.

There are also 744 individuals who were able to enter elementary. A number of 344 were able to graduate in elementary, (178 males and 166 females) representing 8.52% of the total population (3 years old and above). 557 were able to enter high school. 509 graduated from high school with 268 males and 241 females, representing 12.06%.

<i>Educational Attainment (3 y/o +)</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
No Grade	168	181	349	8.64%
Day Care	40	53	93	2.30%
Preparatory	49	54	103	2.55%
Grade 1	75	54	129	3.22%
Grade 2	77	56	133	3.29%
Grade 3	86	62	148	3.66%
Grade 4	75	65	140	3.47%
Grade 5	79	67	146	3.31%
Grade 6/7	26	22	48	1.19%



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Elementary Graduate	178	166	344	8.52%
1st Year High School	78	68	146	3.61%
2nd Year High School	95	92	187	4.63%
3rd Year High School	82	68	150	3.71%
4th/5th Year High School	41	33	74	1.83%
High School graduate	268	241	509	12.60%
1st year Post Secondary	7	5	12	0.30%
2nd year Post Secondary	30	28	58	1.44%
3rd year Post Secondary	3	3	6	0.15%
Post Secondary graduate	58	35	93	2.30%
1st year College	77	69	146	3.61%
2nd year College	84	102	186	4.61%
3rd year College	70	75	145	3.59%
4th year College or higher	29	44	73	1.81%
College graduate	228	370	598	14.81%
With units Masters/Doctors	4	5	9	0.22%
Doctors/Masters degree	7	6	13	0.32%
Total	2014	2024	4038	100.00%

Source: CBMS 2010

Individuals who were able to reach college level were 550. While 598 were able to graduate from college with 228 males and 370 females representing 14.81%. Nine (9) individuals were able to obtain units in masters and/or doctorates, 4 males and 5 females. While 13 were able to finish their Doctors and/or Master's Degree, 7 males and 6 females representing 0.32% of the total population.

Educational Attainment of those in School

For those going to school, the grade level with the most number of enrolled pupils was grade 1, with 118 pupils, representing 8.01% of the total population going to school. Of the 118 pupils, 56 were male and 62 were female. Grade 2 had 116 enrolled pupils with 70 male and 46 female representing 7.88%. Day care has 105 enrolled pupils with 51 male and 54 female also representing 7.13% of the total.

<i>Grade/Year Level of those going to school</i>	<i>M</i>	<i>F</i>	<i>#</i>	<i>%</i>
Day Care	51	54	105	7.13%
Preparatory	33	38	71	4.82%
Grade 1	56	62	118	8.01%
Grade 2	70	46	116	7.88%
Grade 3	53	46	99	6.72%
Grade 4	49	47	96	6.52%
Grade 5	44	50	94	6.38%
Grade 6/7	34	38	72	4.89%
1st Year HS	37	59	96	6.52%
2nd Year HS	41	37	78	5.30%
3rd Year HS	36	48	84	5.70%
4th/5th Year HS	39	37	76	5.16%



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1st year Post Secondary (PS)	7	8	15	1.02%
2nd year PS	3	2	5	0.34%
3rd year PS	2	2	4	0.27%
1st year College	44	47	91	6.18%
2nd year College	47	49	96	6.52%
3rd year College	42	41	83	5.63%
4th year College +	37	33	70	4.75%
Masters/Doctors	2	2	4	0.27%
<i>Total</i>	<i>727</i>	<i>746</i>	<i>1473</i>	<i>100.00%</i>

Source: CBMS 2010

There were 96 students enrolled in first year high school with 37 male and 59 female representing 6.52% of the total population. Second year high school had 78 enrolled students with 41 male and 37 female representing 5.30%. The third year had 84 enrolled students with 36 male and 48 female representing 5.70%. Fourth year enrolled students were 76 with 39 male and 37 female representing 5.16%.

Ninety one (91) students were enrolled in first year college, comprising of 44 male and 47 female representing 6.18% of the total population. Second year college enrolled students were 96 with 47 males and 49 females. There were 83 enrolled in third year, 42 of them were male and 41 were female. Seventy students were enrolled in fourth year with 37 males and 33 females. Four individuals were enrolled with some units for master and doctors, 2 were male and the other two were female representing 0.27% of the total population.

Attending School by Age group (3 to 21 years old)

From the school going ages of 3 to 21 years old, there were a total of 1,861 members of the community. 917 were males and 943 were females. A total of 1,393 or 74.85% were in school and 467 or 25.09% were not in school.

Age Group	Sex			In School		Out Of School	
	Male	Female	Total	#	% To Age Group	#	% To Age Group
3	41	45	86	2	2.33%	84	97.67%
4	47	53	100	20	20.00%	80	80.00%
5	58	47	105	56	53.33%	49	46.67%
6	45	51	96	89	92.71%	7	7.29%
7	45	71	116	114	98.28%	2	1.72%
8	55	31	86	84	97.67%	2	2.33%
9	53	45	98	97	98.98%	1	1.02%
10	51	49	100	98	98.00%	2	2.00%
11	41	47	88	86	97.73%	2	2.27%
12	47	52	99	96	96.97%	3	3.03%
13	36	43	79	76	96.20%	3	3.80%
14	55	44	99	92	92.93%	7	7.07%
15	42	59	102	95	93.14%	6	5.88%



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16	47	38	85	69	81.18%	16	18.82%
17	41	50	91	69	75.82%	22	24.18%
18	48	69	117	89	76.07%	28	23.93%
19	49	51	100	62	62.00%	38	38.00%
20	71	53	124	63	50.81%	61	49.19%
21	45	45	90	36	40.00%	54	60.00%
3-21	917	943	1861	1393	74.85%	467	25.09%
22-25	155	165	320	59	18.44%	261	81.56%
26-30	194	188	382	14	3.66%	368	96.34%
31-35	133	145	278	4	1.44%	274	98.56%
36 +	643	583	1226	3	0.24%	1223	99.76%
<i>Total</i>	<i>2001</i>	<i>1979</i>	<i>3980</i>	<i>1471</i>		<i>2509</i>	

Source: CBMS 2010

For those in the pre-school age, there were more children not in school than in pre-school. For those in the elementary ages of 6 to 12 years old, most of them at most more than 95% are in school, except for those in the 6 year old bracket were only 92% were in school. For those in the ages appropriate for high school, at least more than 90% are in school, except for those in the 16 year old bracket. For those in the ages appropriate for college, there are less compared to those in the lower school levels.

Educational Facilities and Enrollment

<i>School Level</i>	<i>Name of School</i>	<i>Enrollment (SY 2011-12)</i>	<i>Category</i>
<i>Pre-School</i>	Benguet Learning Center	42	Private
	Lifeway Preschool	20	Private
	Wangal Elementary School	9	Public
	Talinguoy Elementary School	7	Public
	Benguet Special Education Center	4	Public
<i>Elementary</i>	Wangal Elementary School	139	Public
	Talinguoy Elementary School	21	Public
	Benguet Special Education Center	114	Public
	Hope Christian Academy (Gr. 4-6)	192	Private
<i>High School</i>	HOPE Christian Academy, Inc.	210	Private
	Benguet National High School- Main	2247	Public
	Cordillera Regional Science High School	221	Public
<i>Technical School</i>	Benguet Livelihood Productivity Center	960	Public
	<i>Total</i>	<i>4,168</i>	

Sources: DepEd-LT, TESDA, 2012

Type of School Enrolled In

There are 1,026 students from Wangal who were enrolled in Public Schools comprising 69.65% of the total. While 447 were enrolled in private schools representing 30.35% of the total.



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<i>Enrollment by School Type</i>	Total	%
Public School	1,026	69.65%
Private School	447	30.35%
<i>Total</i>	<i>1473</i>	<i>100.00%</i>

Source: CBMS 2010

Sports & Recreation Facilities : Benguet Sports Complex, Stock farm, Wangal
Wangal E/S Playground

B. HEALTH

Health Facilities

The Barangay Health Station is currently located at the first floor of the Barangay Hall but soon will be transferred to Lower Wangal, near the Wangal Elementary School. The barangay midwife holds clinic from Monday to Friday, except on the second and third Thursdays of the month, to which she conducts check-up at Talinguroy and Gayasi respectively using private residences as temporary clinics. Private clinics and the Benguet General Hospital (provincial hospital) are found one kilometer away at the urban core of La Trinidad. Other hospitals are also available at nearby Baguio City.

Treatment for Sickness

In year 2010, 29 households, or only 2.89% of the total number of households, had members who did not get sick. There were 974 households with members who got sick. Among the members of the households who got sick, 787 or 78.46% did not avail of any treatment or cure. The other 187 household members who got sick availed of medical treatment.

<i>Availed of Treatment/Cure For Sickness</i>	<i>hh</i>	<i>%</i>
Yes	187	18.64%
No	787	78.46%
<i>Did Not Get Sick</i>	<i>29</i>	<i>2.89%</i>
<i>Total</i>	<i>1003</i>	<i>100.00%</i>

Source: CBMS 2010

Access to Health Facilities

Out of the 187 who received treatment, there were 88 who received treatment in the provincial public hospital representing 47.06% of the total. Some 52 patients received treatment in private hospital/clinic representing 27.81%. There were 24 who received treatment in rural health units representing 12.83%. The other 15 patients received treatment in municipal/city public hospital representing 8.02%.



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<i>Place Where Received Treatment</i>	<i>#</i>	<i>%</i>
Public hospital (provincial)	88	47.06%
Public hospital (municipal/city)	15	8.02%
Public hospital (district)	1	0.53%
Public hospital (national)	0	0.00%
Private hospital/clinic	52	27.81%
Rural health units	24	12.83%
Brgy. health station/center	1	0.53%
Herbolario	5	2.67%
Other	1	0.53%
<i>Total</i>	<i>187</i>	<i>100.00%</i>

Source: CBMS 2010

Mortality

There were seven (7) individuals who died in the community in 2010. Five (5) of them were male and 2 females representing 0.16% of the total population. The causes of death were: cancer with one male casualty; one male infant died due to delivery which represents 14.29% for each category. Five (5) other deaths were recorded, 3 males and 2 females representing 71.43% of the total number of deaths.

<i>Cause of Death</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Cancer	1	0	1	14.29%
Delivery	1	0	1	14.29%
Others	3	2	5	71.43%
<i>Total</i>	<i>5</i>	<i>2</i>	<i>7</i>	<i>100.16%</i>

Source: CBMS 2010

Nutritional Status of Children (0 to 5 years old)

In 2012, there were 335 children from ages 0-5 year old where 158 of them are male and 177 are female. Of the total, 327 are of normal weight, 155 males and 172 females representing 97.61% of the total number of children from ages 0-5. Out of the 335, 4 were underweight, or 1.19% of the total children, and 4 were overweight, or 1.19% of the total children weighed.

<i>Nutritional Status of Children 0-5 Years Old</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Overweight	2	2	4	1.19%
Normal	155	172	327	97.61%
Underweight	1	3	4	1.19%
Severely Underweight	0	0	0	0.00%
<i>Total</i>	<i>158</i>	<i>177</i>	<i>335</i>	<i>100.00%</i>

Source: MHO 2012



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Family Planning Methods Usage

Among the 727 couples, there were 633 married women of child-bearing age. Of the 633 couples, only 270 were practicing family planning or 42% of the total number of couples.

<i>Number of Couples</i>	:	727
<i>Number of Married Women of Child-bearing Age</i>	:	633
<i>Couples Practicing Family Planning</i>	:	270

Taking pills is the most commonly used method of couples in family planning with 98 couples adapting the method representing 36.30% of the total number of couples practicing family planning. Tubal Ligation is adapted by 44 couples representing 16.30%. Thirty four (34) couples used the Standard Days Method representing 12.95%. Eighteen (18) couples used the Barrier Method representing the 6.67% of the total population.

<i>Family Planning Method</i>	<i>#</i>	<i>%</i>
Basal Body Temperature	4	1.48%
Billings Ovulation Method	4	1.48%
Standard Days Method	34	12.59%
Lactational Amenorrhea Method	0	0.00%
Symptothermal Method	2	0.74%
Barrier Method	18	6.67%
IUD	3	1.11%
Pills	98	36.30%
Injectible	16	5.93%
Vasectomy	1	0.37%
Tubal Ligation	44	16.30%
Don't Know	3	1.11%
Others	43	15.93%
<i>Total</i>	<i>270</i>	<i>100.00%</i>

Source: CBMS 2010

Contraceptive Prevalence Rate : 22.5% of Currently Married Women (CMW) 15-49 years old use contraceptive methods

18.7 % percent of CMW 15-49 years old use Modern Contraceptive Methods

3.8 % percent of CMW 15-49 years old use Traditional Contraceptive Methods



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Environmental Sanitation

Solid Waste Management.

Waste Generation. In 2011, a total of 5 metric tons (mt) are generated daily at Wangal. From the residential area, 2.62 mt are generated, from institutions (schools and offices), 2.29 mt is produced. Only 0.05 mt of garbage comes from the business establishments and 0.15 mt is produced from the farms.

<i>Estimated Total Waste Generated</i>		: 5 metric tons (mt) daily	
Residential	: 2.62 mt	Commercial	: 0.05 mt
Institutional	: 2.29 mt	Agriculture	: 0.15 mt
Markets	: 0.00 mt		

Source: MPDO estimate based on 0.534 kg/person/day

System of Garbage Disposal. There were various ways of disposing garbage adapted by the community in Wangal. Garbage collection was done by 730 households representing 72.78% of the households in Wangal. Households who segregate their waste were at 71.78% or 720 households. Households who recycle were 711 representing 70.89%. Composting was done by 50% of the community and 10.17% burn their garbage in the Talinguroy area, where garbage is not collected.

<i>System of Garbage Disposal</i>	<i># of HHs</i>	<i>%</i>
Garbage Collection	730	72.78%
Burning	102	10.17%
Composting	502	50.05%
Recycling	711	70.89%
Waste Segregation	720	71.78%
Compost Pit with Cover	39	3.89%
Compost Pit without Cover	242	24.13%
Others	0	0.00%

Source: CBMS 2010

Garbage Collection. The barangay government is in charge of collecting garbage but only in the more populated area of Upper Wangal, where residents bring the garbage in designated collection points. During the survey, among all the households, 697 of them said their garbage was being collected by the barangay garbage collector representing 69.49% of the total number of households.

There were 28 households whose garbage was collected by the municipal garbage collector representing 2.79%. Some other residents may bring along their garbage outside the barangay. Some 5 other households' garbage was collected by private garbage collector representing 0.50%. (probably recyclable garbage). For some 272 households, or 27% of the total number of households are not serviced by any garbage collector at all.



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<i>Who Collects the Garbage</i>	<i>#</i>	<i>%</i>
Municipal garbage collector	28	2.79%
Barangay garbage collector	697	69.49%
Private garbage collector	5	0.50%
None	273	27.22%
<i>Total</i>	<i>1003</i>	<i>100.00%</i>

Source: CBMS 2010

Collection Frequency. Collection schedule of the barangay is on Mondays, Wednesdays, and Fridays. At most, garbage of 595 households was brought out for collection thrice a week representing 81.52%. Because the garbage truck only hauls one trip per day (and dumped in the Alno Solid Waste Management Facilities) , and shall have to come the following scheduled day, the garbage of 116 households or 15.9% was collected twice a week, and 7 or 0.97% households' garbage were collected once a week. Eleven other households' garbage was collected daily, (probably in Puguis or Poblacion, where collection is done daily).

<i>Frequency of Garbage Collection</i>	<i>#</i>	<i>%</i>
Daily	11	1.51%
Thrice a Week	595	81.52%
Twice a Week	116	15.90%
Once a Week	7	0.97%
Others	1	0.15%
<i>Total</i>	<i>730</i>	<i>100.00%</i>

Source: CBMS 2010

Sanitation Facilities

There were 715 households who have their own flush toilets with septic tanks representing 71.29% of the total households. 114 households share with others' tank representing 11.37%. Other households still use pits with 153 who use close pits and 17 open pits. Four other households were without toilet representing 0.40% of the total.

<i>Kind of Toilet Facility</i>	<i>#</i>	<i>%</i>
Water-sealed Flush to Sewerage/Septic Tank- own	715	71.29%
Water-sealed Flush to Sewerage/Septic Tank- shared	114	11.37%
Close Pit	153	15.25%
Open Pit	17	1.69%
No Toilet	4	0.40%
<i>Total</i>	<i>1003</i>	<i>100.00%</i>

Source: CBMS 2010



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C. HOUSING

Residential Construction

For year 2012, 21 new buildings were constructed in Wangal. This represents 6% of all construction in La Trinidad, ranking 8th with the most number of construction among all 16 barangays of La Trinidad.²

House Ownership

There were 692 owners of house and lot representing 68.99% of the total population. Households renting a house or room including the lot, were 171, representing 17.05%. Households who own a house with rent-free lot with consent of owner accounted for 57 owners, representing 5.68%. Households living in a rent-free house and lot with consent of owner accounted for 56 households representing 5.58%. Ten (10) households own a house but rent the lot representing 1% of the total number of households.

<i>Households by Tenurial Status</i>	<i>#</i>	<i>%</i>
Owner, owner-like possession of house and lot	692	68.99%
Rent house/room including lot	171	17.05%
Own house/rent lot	10	1.00%
Own house, rent-free lot with consent of owner	57	5.68%
Own house, rent-free lot without consent of owner	3	0.30%
Rent-free house and lot with consent of owner	56	5.58%
Rent-free house and lot without consent of owner	0	0.00%
Other tenure status	14	1.30
<i>Total</i>	<i>1003</i>	<i>100.00%</i>

Source: CBMS 2010

<i>Average Imputed Rent³ per Month for the House and/Lot:</i>	<i>P 4,178</i>
<i>Minimum Imputed Rent</i>	<i>: P 100</i>
<i>Maximum Imputed Rent</i>	<i>: P 15,000</i>

Construction Materials of Housing Units

According to type of materials used for walls of houses, there were 792 households whose walls were made of strong materials representing 78.96% of the total population. Walls made up of combined (mixed) materials, but predominantly strong materials were at 169 representing 16.85%. Twenty-eight households have mixed but predominantly light wall materials representing 2.79%.

² MEO 2012 Accomplishment Report

³ Imputed Rent: if the house and lot is owned or being used for free, the imputed rent refers to the amount the owner would charge to rent the housing unit.



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<i>Households by Type of Materials Used for Walls</i>	<i>#</i>	<i>%</i>
Strong Materials	792	78.96%
Light Materials	7	0.70%
Salvaged/Makeshift Materials	7	0.70%
Mixed but Predominantly Strong	169	16.85%
Mixed but Predominantly Light	28	2.79%
Mixed but Predominantly Salvage	0	0.00%
<i>Total</i>	<i>1003</i>	<i>100.00%</i>

Source: CBMS 2010

With regards to the type of materials used for the roof, 791 households have strong materials representing 78.86% of the total population. Roofs made of salvaged materials were at 131 households representing 13.06%. Roofs made of combined materials (mixed) but predominantly strong materials were at 4.29%. While roofs made up of mixed but predominantly light were at 2.89%.

<i>Households by Type of Materials Used for Roof</i>	<i>#</i>	<i>%</i>
Strong Materials	791	78.86%
Light Materials	9	0.90%
Salvaged/Makeshift Materials	131	13.06%
Mixed but Predominantly Strong	43	4.29%
Mixed but Predominantly Light	29	2.89%
Mixed but Predominantly Salvage	0	0.00%
<i>Total</i>	<i>1003</i>	<i>100.00%</i>

Source: CBMS 2010

Household Conveniences

The most commonly owned appliance were LPG Gas Stove/Range with 868 households representing 86.54% of the total population. This is followed by mobile phones with 850 representing 84.75%. Households who own a radio or a radio cassette were at 822 representing 81.95%. There were 816 households who own a television representing 81.36%.

There were 723 households who owned a CD/VCD/DVD representing 72.08% of the total number of households. Electric iron was owned by 552 households representing 55.03%. Households who own a refrigerator were 502 representing 50.05%. About half, at 46% own a washing machine, and about one third, or 32% own a personal computer. Less than one third, at 28% own a vehicle.



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<i>Households With Appliances/Durables</i>	<i>#</i>	<i>%</i>
Radio/Radio Cassette	822	81.95%
Television	816	81.36%
CD/VCD/DVD	723	72.08%
Stereo/Component	276	27.52%
Karaoke	98	9.77%
Refrigerator/Freezer	502	50.05%
Electric Fan	214	21.34%
Electric Iron	552	55.03%
LPG Gas Stove/Range	868	86.54%
Washing Machine	464	46.26%
Microwave Oven	188	18.74%
Personal Computer	325	32.40%
Mobile Phone/Cellular Phone	850	84.75%
Landline Telephone	49	4.89%
Air-conditioner	20	1.99%
Sewing Machine	60	5.98%
Car, Jeep, Motorcycle, Other Motorized Vehicles	289	28.81%

Source: CBMS 2010

D. SOCIAL WELFARE

Day Care Center Facilities

Gayasi Day Care Center
 Talinguroy Day Care Center
 Upper Wangal Day Care Center

Lower Wangal Day Care Center
 Benguet Technical School Day Care Center

Clientele Groups

Solo Parents

Solo parents were documented to be 55 where 21 were male solo parents and 34 were female. The top reason for being a solo parent is due to the death of spouse where 17 widows/widowers were recorded to be solo parents. Five (5) of the 17 were male and 12 were female. Fourteen (14) causes were due to legal separation from spouse where 5 were male and 9 were female, representing 25.45%. There were 11 due to non-marriage where 8 were male and 3 were female, representing 20%.



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<i>Reasons For Being A Solo Parent</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Death of Spouse	5	12	17	30.91%
Imprisonment of Spouse	0	3	3	5.45%
Mental and Physical Incapacity of Spouse	0	1	1	1.82%
Legal Separation from Spouse for at least One Year	5	9	14	25.45%
Abandonment of Spouse for At least One Year	2	5	7	12.73%
Unmarried Mother/Father Who Preferred to Keep the Child instead of others caring for Her/him	8	3	11	20.00%
Other Reason	1	1	2	3.64%
<i>Total</i>	<i>21</i>	<i>34</i>	<i>55</i>	<i>100.00%</i>

Source: CBMS 2010

Persons with Disability

There were a total of 26 persons with disabilities. Twenty four of them were male and 2 were female. This represents 0.61% of the total population. Out of the 26, four males have mild cerebral palsy representing 15.38% of the total number of persons with disabilities. There were three regularly intellectually impaired male representing 11.54%. There were another three males who were regularly multiple impaired representing 11.54%. Two males who were recorded to be partially deaf and another two males were severely impaired by mental illness.

<i>Persons with Disability by Type / Sex</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Total Blindness	1	0	1	3.85%
Oral Defect	1	0	1	3.85%
Partially Deaf	2	0	2	7.69%
Mild Cerebral Palsy	4	0	4	15.38%
Severe Cerebral Palsy	1	0	1	3.85%
Regularly Intellectually Impaired	3	0	3	11.54%
Regularly Impaired by Mental Illness	0	1	1	3.85%
Severely Impaired by Mental Illness	2	0	2	7.69%
Regularly Multiple Impaired	3	0	3	11.54%
Severely Multiple Impaired	1	0	1	3.85%
Others	6	1	7	26.92%
<i>Total</i>	<i>24</i>	<i>2</i>	<i>26</i>	<i>100.00%</i>

Source: CBMS 2010

Eleven (11) of the disabled persons were in-born who were all male which represents 42.31% of the total. Another eleven or 42.31% were due to illness where 9 were male and 2 were female. The other two males or the 7.69% were due to accident.

<i>Cause of Disability</i>	<i>Male</i>	<i>Female</i>	<i>#</i>	<i>%</i>
In-born	11	0	11	42.31%
Illness	9	2	11	42.31%
Accident	2	0	2	7.69%
Others	2	0	2	7.69%

Source: CBMS 2010



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There were four (4) who received financial assistance representing 15.38% of the total. One person received assistance from Ceragem and another one received free wheelchair. The sources of the assistance received were from the government having three recipients and 3 from other source.

<i>Assistance Received</i>	<i>#</i>	<i>%</i>
Ceragem	1	3.85%
Financial Assistance	4	15.38%
Free Wheelchair	1	3.85%

<i>Source of Assistance Received</i>	<i>#</i>	<i>%</i>
Government	3	11.54%
Others	3	11.54%

Source: CBMS 2010

Senior Citizens

There were 181 numbers of senior citizens in Wangal with 79 male and 102 female representing 4.22% of the total population. 128 of them have their identification cards with 49 male and 79 female. While 53 do not have their cards, 30 males and 23 females. Four senior citizens were able to use their identification cards, one male and 3 female representing 2.21%.

<i>Senior Citizens ID Usage</i>	<i>M</i>	<i>F</i>	<i>#</i>	<i>%</i>
Members Who Has Able To Use His/Her ID	1	3	4	2.21%
With Identification Card	49	79	128	70.72%
Without Identification Card	30	23	53	29.28%
<i>Total</i>	<i>79</i>	<i>102</i>	<i>181</i>	<i>4.22%</i>

Source: CBMS 2010

Access to Government Programs

Among all the types of programs by the government, only 22.93% or 230 households were able to benefit from government programs. Most households were said to be recipients of PhilHealth for Indigents with 133 households representing 57.83% of the total. Forty-eight households are recipients of credit program representing 20.87% of the total. Thirty one households were recipients of health assistance program representing 13.48% of the total population. Given these programs, 70% said that the effects of the programs are good.

<i>Types of Programs Received/Availed of by HHs</i>	<i>#</i>	<i>%</i>
Recipient of CARP	1	0.43%
Philhealth for Indigents	133	57.83%
Supplemental Feeding Program	2	0.87%
Health assistance program	31	13.48%
Education / scholarship program	8	3.48%
Skills or livelihood training program	7	3.04%
Housing program	0	0.00%
Credit program	48	20.87%
<i>Total</i>	<i>230</i>	<i>22.93% of hh</i>

Source: CBMS 2010



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<i>Effects of the Programs</i>	<i>#</i>	<i>%</i>
Positive	163	70.87%
Negative	67	29.13%
No Effect	0	0.00%

Source: CBMS 2010

E. PUBLIC SAFETY

Peace and Order

There were 33 incidents of crime in Wangal in 2012, most of which are vehicular accidents at 58% of all crime in the barangay. Physical Injuries and child abuse come in at second and third top most crimes in the barangay.

<i>Victims of Crime</i>	<i>#</i>	<i>%</i>
Child Abuse	3	9.09%
Other Non-index	2	6.06%
Physical Injuries	4	12.12%
Robbery	2	6.06%
Special Laws	1	3.03%
Theft	2	6.06%
Vehicular Accidents	19	57.58%
<i>Total</i>	<i>33</i>	<i>100.00%</i>

Source: PNP-La Trinidad, 2012 data

Calamity

Households affected by natural and/or man-made disasters accounts to 255 where 75.69% were due to typhoon, 12.94% from flood, 0.39% from drought and about 11% from other types of calamities.

<i>Types of Calamities</i>	<i>#</i>	<i>%</i>
Typhoon	193	75.69%
Flood	33	12.94%
Drought	1	0.39%
Earthquake	0	0.00%
Volcanic Eruption	0	0.00%
Armed Conflict	0	0.00%
Fire	0	0.00%
Others	28	10.98%
<i>Total</i>	<i>255</i>	<i>100.00%</i>

Source: CBMS 2010



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In 2009, Wangal was strongly affected by Typhoon Ondoy and Pepeng due to the swelling of the Wangal River, destroying farms, lives, and homes along the riverbank. Landslides are recurrent during the typhoon season due to the topography of the area.

V. ECONOMY

A. SOURCES OF INCOME

Entrepreneurial Activities

A total of 721 households in Wangal were engaged in entrepreneurial activities, which includes agricultural activities, representing 72% of the total number of households.

A number of 266 households were engaged in crop farming and gardening with an average annual income of ₱51,672, a minimum income of ₱2,000, and a maximum income of ₱ 485,000. There were 138 households engaged in wholesale and retail trade with minimum income of ₱500, maximum of ₱480,000 and average of ₱61,107.

One hundred eleven households were engaged in transportation, storage and communication services having minimum income of ₱2,000, maximum of ₱576,000 and average of ₱54,619 annually.

<i>Entrepreneurial Activities by Income</i>	<i>Households</i>		<i>Income (₱)</i>		
	<i>#</i>	<i>%</i>	<i>Minimum</i>	<i>Average</i>	<i>Maximum</i>
Crop Farming And Gardening	266	26.52	2,000.00	51,672.00	485,000.00
Livestock And Poultry Raising	21	2.09	200.00	58,000.00	10,320.00
Fishing Activities	1	0.10	2,000.00		2,000.00
Forestry And Hunting Activities	2	0.20	2,200.00	8,600.00	15,000.00
Wholesale And Retail Trade Activities	138	13.76	500.00	61,107.00	480,000.00
Manufacturing Activities	5	0.50	7,000.00	45,000.00	84,000.00
Community, Social, And Personal	7	0.70	1,000.00	128,429.00	360,000.00
Transportation, Storage, And Communication Services	111	11.07	2,000.00	54,619.00	576,000.00
Mining And Quarrying Activities	18	1.79	5,000.00	35,111.00	100,000.00
Construction	80	7.98	1,000.00	41,206.00	240,000.00
Other Activities	72	7.18	400.00	36,894.00	241,000.00
<i>Total</i>	<i>721</i>				

Source: CBMS 2010

Wages and Salaries

There were 388 households, or 38% of total households who are wage earners. The average income received by households is ₱175,005, with the minimum income of ₱2,000 and the maximum at ₱960,000.



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<i>Salaries and Wages by Income</i>	<i>Number of Hhs</i>	<i>Minimum Income</i>	<i>Average Income</i>	<i>Maximum Income</i>
Salaries And Wages	388	2,000.00	175,005.00	960,000.00

Source: CBMS 2010

Additional Sources of Income

A total of 673 households had other sources of income aside from their main sources of income. 208 households received remittances from Overseas Filipino Workers, at a minimum income received at ₱ 1,000, a maximum of ₱ 1,368,000 and average of ₱ 115,729. Another 102 households had additional income from cash receipts, gift, support, relief and other income from abroad with a minimum of ₱ 1,000, a maximum of ₱ 1,200,000, at an average of ₱ 54,489.

There were 45 households whose additional source of income came from the net share of crops, livestock and poultry raised by other households having a minimum income of ₱ 5,000, a maximum of ₱ 150,000, at an average of ₱34,646.

Forty five households had additional sources of income from rentals received from non-agricultural lands, buildings, spaces and properties with a minimum income of ₱ 1,500, a maximum of ₱288,000, at an average of ₱ 42,264. Another additional source of income of 6 households was from interest earned from bank deposits, interest from loans extended to other families with a minimum of ₱ 1,500, a maximum of ₱ 100,000, at an average of ₱ 21,252.

<i>Additional Sources of Income</i>	<i># of Hhs</i>	<i>Minimum Income</i>	<i>Average Income</i>	<i>Maximum Income</i>
Net Share of Crops, Livestock, And Poultry raised by Other HHs	45	5,000.00	34,646.00	150,000.00
Remittances From Overseas Filipino Workers	208	1,000.00	115,729.00	1,368,000.00
Receipts From Abroad	102	1,000.00	54,489.00	1,200,000.00
Receipts From Domestic Sources	153	1,000.00	39,320.00	240,000.00
Rentals Received	45	1,500.00	42,264.00	288,000.00
Interest Earned	6	1,500.00	21,252.00	100,000.00
Pension And Retirement Received	15	1,500.00	89,567.00	240,000.00
Dividends From Investment	8	1,000.00	43,375.00	138,000.00
Other Sources	91	1,000.00	46,560.00	252,000.00
<i>Total</i>	<i>673</i>			

Source: CBMS 2010

Annual Per Capita Poverty Threshold

Out of the 1,003 households, 135 households, or 13% of the total number of households had an annual per capita income of less than ₱15,820 (poverty threshold). The annual per capita poverty threshold is the minimum annual income required to be spent by each member of a family to satisfy



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their nutritional requirements and other basic needs. Nonetheless, none of them said that they experienced food shortage for the past three months.

Agriculture

There are 266 households engaged in agriculture (excludes farm laborers), representing a little more than one fourth, or 26% of the total number of households.

Tenure Status. There were 189 farmers who own the agricultural lands they were tilling, representing 71% of all those engaged in farming. Fifty-six farmers rent the agricultural land they were working on, representing 21%. Twenty farmers or 8%, do not own the land they were tilling but with the consent of the owner, and one farmer tills the land he does not own without the consent of the owner.

<i>Tenure Status(Agricultural Land)</i>	<i>#</i>	<i>%</i>
Owned or owner-like possession	189	71
Rent	56	21
Not owned but with consent of owner	20	8
Not owned and without consent of owner	1	0
<i>Total</i>	<i>266</i>	<i>100</i>

Source: CBMS 2010

Land Area. There were 210 households who worked with less than 1 hectare of agricultural and representing 79% of all farmers. Fifty-four households cultivated 1-3 hectares of agricultural land representing 20%. Two households cultivated 3.1 to 5 hectares of agricultural land representing 1%.

<i>Area of Agricultural Land</i>	<i>#</i>	<i>%</i>
Less Than 1 Hectare	210	79
1 - 3 Hectares	54	20
3.1 - 5 Hectares	2	1
More Than 5 Hectares	0	0
<i>Total</i>	<i>266</i>	<i>100</i>

Source: CBMS 2010

Production Volume. There were a total of 1,432,295 kilograms of vegetables harvested in year 2010. About 14,604 kilograms of strawberries were harvested, 4,020 bundles of cutflowers were harvested. Coffee farmers harvested 150 kilograms.

<i>Type of Crop Harvested</i>	<i>Total annual volume</i>
Vegetables	1,432,295 kgs.
Strawberry	14,604 kgs.
Flower	4,020 bundles
Coffee	150 kgs.

Source: CBMS 2010



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The annual volume of crops produced were 1,451,069 kilograms with minimum production at 10 kilograms and maximum production of 240,000 kilograms.

<i>Annual Volume of Crops Produced</i>	1,451,069 kgs.
Minimum	10 kgs.
Maximum	240,000 kgs.

Source: CBMS 2010

Agricultural Implements. A total of 192 out of 204 farmers owned the equipment and facilities they used, representing 94.12% of all farmers. Twelve farmers do not own the equipments and facilities they use, representing 5.88%. There were 135 farmers who used insecticide or pesticide sprayer representing 66.18%. Irrigation pump was used by 57 farmers, representing 27.94%. Three farmers used warehouse granary, representing 1.47%. Two farmers used mechanical dryer and two others used farm shed each representing 0.98% of the total.

<i>Ownership of Equipment/Facilities</i>	#	%
Yes	192	4.47%
No	12	5.88%
<i>Type of Agricultural Equipment or Facilities Used</i>	#	%
Beast of Burden	0	0.00%
Plow	0	0.00%
Harrow	1	0.49%
Mower	0	0.00%
Thresher or Corn Sheller	0	0.00%
Insecticide or Pesticide Sprayer	135	66.18%
Farm Tractor	1	0.49%
Hand Tractor	0	0.00%
Turtle or Mud boat	0	0.00%
Planter or Transplanter or Dryers	0	0.00%
Mechanical Dryer	2	0.98%
Multipurpose Drying Pavement	1	0.49%
Rice Mill/Corn Mill/Feed Mill	1	0.49%
Harvester, Any Crop	1	0.49%
Warehouse Granary	3	1.47%
Farm shed	2	0.98%
Irrigation Pump	57	27.94%
Other Equipments/Facilities	0	0.00%

Source: CBMS 2010

Livestock Raising

Only 29 or 2.89% of the total number of households were engaged in livestock raising. Chicken-raising is more or less a favorite among livestock growers, raised by 48% of those engaged in livestock-raising. Hog for fattening comes in second, at 27.59%.



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<i>Livestock Raised by Households</i>	<i>#Hhs</i>	<i>%</i>
Hog for Fattening	8	27.59%
Sow	2	6.90%
Goat	1	3.45%
Carabao	0	0.00%
Cow	0	0.00%
Chicken	14	48.28%
Chicken for Egg Laying	2	6.90%
Duck	1	3.45%
Other Livestock/Poultry	1	3.45%
<i>Total</i>	29	100.00%

Source: CBMS 2010

Annually, there are 185 live animals, 1,342 kilograms of meat, 300 liters of milk and 6,000 pieces of eggs produced by livestock raising.

<i>Type Livestock/Poultry Raised</i>	<i>Volume of Production</i>
Animals	185 heads
Meat	1,342 kg
Milk	300 liters
Eggs	6,000 pcs.

Source: CBMS 2010

Fishing

While there are no fishponds in Wangal, fishing along the river still brings about 300 kgs. of harvest in 2010.

<i>Fishing Grounds</i>	<i>#</i>	<i>%</i>
Fishpond	0	0.00%
Fish cage	0	0.00%
Sea	0	0.00%
Marsh	0	0.00%
Lake	0	0.00%
River	1	0.10%
Stream/Creek	0	0.00%

Source: CBMS 2010

B. EMPLOYMENT

Labor Force

The Potential Labor force of Wangal (those who are 15 to 64 years old) is 2,778, with 1,396 males and 1,382 females. While the actual labor force is 1,001 persons, which does not include those unable, not available, and not looking for work (e.g. housewives, students, disabled, retired persons, and seasonal workers). A total of 1,598 persons are employed, (4 of whom are below 15 years of age and 40 persons who are 65 years old and above) garnering a high employment rate of 97.92 %, with an unemployment rate of 2.08%.



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<i>Labor Force</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
<i>Potential Labor Force (15 -64 y/o)</i>	1,396	1,382	2,778	
<i>Actual Labor Force</i>				
Employed	984	614	1598	97.92
<i>Employed</i>	961	593	1,554	95.22
<i>Employed (14 y/o & below)</i>	3	1	4	0.25
<i>Employed (65 y/o & above)</i>	20	20	40	0.25
<i>Unemployed (looking for work)</i>	17	17	34	2.08
Actual Labor Force	1001	631	1,632	100.00

Source: CBMS 2010

Nature of Employment

Of the 1,598 employed, 807 were permanently employed with 485 males and 322 females representing 50.50% of the total number of employed. 698 were employed short-term, seasonal and/or casual with 435 males and 263 females representing 43.68%. Ninety three worked on different jobs on a day to day or week to week basis, 64 were male and 29 were female representing 5.82%.

<i>Nature of Employment</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Permanent	485	322	807	50.50%
Short-term, seasonal, casual	435	263	698	43.68%
Worked on different jobs on day to day or week to week	64	29	93	5.82%
<i>Total</i>	<i>984</i>	<i>614</i>	<i>1,598</i>	<i>100.00%</i>

Source: CBMS 2010

Employment by Sector

Agriculture, mining and forestry sector have the largest number of employment with 528 persons comprising of 350 males and 178 females representing 33.04% of the total labor force. This is followed by wholesale & retail trade and vehicle repair with 240 persons employed with 78 males and 162 females representing 15.02%.

<i>Employment by Sector/Industry</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Agriculture, Mining, and Forestry	350	178	528	33.04%
Fishing	1	0	1	0.06%
Mining and Quarrying	27	0	27	1.69%
Manufacturing	10	2	12	0.75%
Electricity, Gas, and Water Supply	19	1	20	1.25%
Construction	125	3	128	8.01%
Wholesale & Retail Trade, Vehicle Repair	78	162	240	15.02%
Hotel and Restaurants	4	9	13	0.81%
Transportation, Storage, and Communication	154	9	163	10.20%
Financial Intermediation	2	5	7	0.44%



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Real Estate, Renting, and Business Activities	46	40	86	5.38%
Public Administration and Defense	76	51	127	7.95%
Education	22	77	99	6.20%
Health and Social Work	5	23	28	1.75%
Other Community, Social/Personal Activities	60	47	107	6.70%
Private HHs with Employed Persons	4	7	11	0.69%
Extra-territorial Organization	1	0	1	0.06%
<i>Total</i>	<i>984</i>	<i>614</i>	<i>1,598</i>	<i>100.00%</i>

Source: CBMS 2010

Transportation, storage and communication employed 163 people with 154 males and 9 females representing 10.20% of the labor force. Individuals employed in construction areas were at 128 with 125 male workers and 3 females representing 8.01%. There were 127 individuals employed in the public administration and defense with 76 males and 51 females representing 7.95%. One hundred seven individuals were employed in other community, social and personal activities with 60 males and 47 females representing 6.70%.

Education sector has 99 employed individuals, 22 were male and 77 were female representing 6.20% of the total labor force. There were 86 individuals employed in real estate, renting and business activities where 46 were male and 40 were female representing 5.38%. Only one male individual was recorded to be engaged in fishing for employment representing 0.06%.

Primary Occupation or Business

About one third of the residents of Wangal were farmers, forestry workers and fishermen with 496, where 329 were male and 167 were female representing 31.04% of the total employed labor force. Service workers and shop and market sales workers were 231 where 112 were male workers and 119 were female representing 14.46%. Laborers and unskilled workers were at 275 where 215 were male and 60 were female representing 17.21%.

<i>Type of Primary Occupation or Business</i>	<i>Male</i>	<i>Female</i>	<i>#</i>	<i>%</i>
Officials of Gov't & Special-Interest Organizations, Corporate, Executives, Managers, Managing Proprietors & Supervisors	37	23	60	3.75%
Physical, Mathematical and Engineering Science Professionals	62	101	163	10.20%
Technician and Associate Professionals	41	22	63	3.94%
Clerks	18	38	56	3.50%
Service Workers and Shop and Market Sales Workers	112	119	231	14.46%
Farmers, Forestry Workers and Fishermen	329	167	496	31.04%
Trades and Related Workers	49	81	130	8.14%
Plant and Machine Operators and Assemblers	113	2	115	7.20%
Laborers and Unskilled Workers	215	60	275	17.21%
Special Occupations	8	1	9	0.56%
<i>Total</i>	<i>984</i>	<i>614</i>	<i>1,598</i>	<i>100.00%</i>

Source: CBMS 2010



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Physical, mathematical and engineering science professionals were 163, with 62 males and 101 females representing 10.20% of the total. One hundred thirty were into trades and related workers with 49 male and 81 female representing 8.14% of the total. There were 115 who were plant and machine operators and assemblers where 113 were male and 2 were female representing 7.20% of the total.

Class of Worker

There were 475 who worked for a household where 303 of them were male and 172 were female representing 29.72% of the total population. Persons who worked for private establishment were 399 where 277 were male and 122 were female representing 24.97% of the total. Self-employed without employees were 348, wherein 196 of them were male and 152 were female representing 21.78%. Two hundred seventy-five worked for government and/or Government Corporation where 146 were male and 129 were female representing 17.21% of the total.

<i>Class of Worker</i>	<i>Male</i>	<i>Female</i>	<i>#</i>	<i>%</i>
Worked for a household	303	172	475	29.72%
Worked for a private establishment	277	122	399	24.97%
Worked for government/ government corporation	146	129	275	17.21%
Self employed without employees	196	152	348	21.78%
Employer in own family-operated farm or business	37	24	61	3.82%
Worked with pay on own family operated farm or business	6	5	11	0.69%
Worked without pay on own family operated farm or business	19	10	29	1.81%
<i>Total</i>	<i>984</i>	<i>614</i>	<i>1,598</i>	<i>100.00%</i>

Source: CBMS 2010

Professionals

There were 230 individuals who were professionals, of which 185, or 80% of the 249 were male and 45, or 20% were female. Eighty-seven of whom were professional teachers having 70 males and 17 females, representing 37.83% of the total. Forty one were nurses with 32 males and 9 females representing 17.83%. There were 26 criminologists, 21 males and 5 females representing 11.30% of the total number of professionals.

<i>Type of Professionals</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Agriculturist	7	0	7	3.04%
Attorney-at-Law	4	2	6	2.61%
Certified Public Accountant	13	6	19	8.26%
Civil Engineer	11	0	11	4.78%
Criminologist	21	5	26	11.30%
Dentist	1	0	1	0.43%
Elect. & Comm. Engineer	2	0	2	0.87%
Forester	1	0	1	0.43%
Geodetic Engineer	4	1	5	2.17%
Junior Geodetic Engineer	1	0	1	0.43%
Librarian	1	0	1	0.43%



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Mechanical Engineer	0	1	1	0.43%
Medical Doctor	1	0	1	0.43%
Midwife	7	2	9	3.91%
Nurse	32	9	41	17.83%
Nutritionist Dietitian	0	1	1	0.43%
Optometrist	1	0	1	0.43%
Pharmacist	1	0	1	0.43%
Physical Therapist	1	0	1	0.43%
Physician	1	0	1	0.43%
Professional Teacher	70	17	87	37.83%
Social Worker	1	1	2	0.87%
Veterinarian	1	0	1	0.43%
Others	3	0	3	1.30%
<i>Total</i>	<i>185</i>	<i>45</i>	<i>230</i>	<i>100.00%</i>
<i>%</i>	<i>80.43</i>	<i>19.57</i>	<i>100.00</i>	

Source: CBMS 2010

There were also 19 Certified Public Accountants, where 13 were male and 6 were female representing 8.26% of the total population. Engineers were accounted at 20 persons where 18 were male and 2 were female engineers. Nine individuals were midwives, seven males and 2 females or 3.91% of the total number of professionals. There were also seven agriculturists, all males representing 5.36%.

Unemployment and Job Search Method

There were 34 unemployed members of the labor force who were looking for work during the conduct of the CBMS on 2010, where 17 were males and 17 were females. The method used to search jobs by 38.24% of the total unemployed was to approaching friends and relatives, where 5 of them were male and 8 were female. Ten registered in public employment agencies, where 5 were male, and the other 5 were female, representing 29.41%. Other six individuals approached the employer directly, where 4 were male and 2 were female, representing 17.14%.

<i>Job Search Method</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>%</i>
Registered in public employment agency	5	5	10	29.41%
Registered in private employment agency	1	0	2	2.94%
Approached employer directly	4	2	6	17.14%
Approached relatives/friends	5	8	13	38.24%
Placed or answered private advertisements	1	2	3	8.82%
Others	1	0	1	2.94%
<i>Total</i>	<i>17</i>	<i>17</i>	<i>34</i>	<i>100.00%</i>

Source: CBMS 2010



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Reasons for Not Searching or Applying for a Job

Out of the potential labor force (15 to 64 years old population), 1,189 persons or 42.8 % were not in search for a job. Almost majority of them, 48.95% or 582 were students, 281 of whom were males and 301, females. Others were not in search for a job due to housekeeping duties, representing 34.65% of the total where 28 were male and 384 were female.

<i>Reasons For Not Looking For Work</i>	<i>Male</i>	<i>Female</i>	<i>#</i>	<i>%</i>
Believes no work is available	25	7	32	2.69%
Awaiting results of previous job application	15	13	29	2.35%
Temporary illness/disability	13	13	28	2.19%
Bad Weather	0	0	0	0.00%
Waiting for rehire/job recall	30	25	55	4.63%
Too young/old, retired, permanently disabled	24	26	50	4.21%
Housekeeping	28	384	412	34.65%
In School	281	301	582	48.95%
Other reasons	2	2	4	0.34%
<i>Total</i>	<i>418</i>	<i>771</i>	<i>1189</i>	

Source: CBMS 2010

Fifty five persons or 4.63% were waiting to be rehired, and another 4.21% were either too young or too old retired and/or permanently disabled with 24 males and 26 were females.

Overseas Employment

There were 204 former members of households in Wangal who are Overseas Filipino workers. Sixty eight of them were male and 136 were female.

Overseas Employment

Most overseas workers were in Hong Kong with 36 accounted, or 17.65% of the total number of OFW's. Other 26 workers were in Saudi Arabia representing 12.75% of the total. There were 16 Overseas Filipino Workers in Canada, representing 7.84% of the total number of OFW's. Another 16 were in Japan still comprising of the 7.84%. There were 12 workers in USA representing 5.88%. Fourteen workers were in United Kingdom, Great Britain and/or Northern Ireland representing 6.86%. United Arab Emirates workers were accounted at 13 representing 6.37%. Taiwan accommodated 9 Filipino workers representing 4.41% of the total. There were also 9 workers in Italy.

<i>Country of Work</i>	<i>#</i>	<i>%</i>
Australia	3	1.47%
Bahrain	1	0.49%
Cambodia	1	0.49%
Canada	16	7.84%
China	5	2.45%
Cyprus	3	1.47%
Democratic People's Republic of Korea	8	3.92%
Hong Kong	36	17.65%



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Israel	6	2.94%
Italy	9	4.41%
Japan	16	7.84%
Kuwait	1	0.49%
Lebanon	1	0.49%
Malaysia	3	1.47%
Mexico	2	0.98%
Oman	1	0.49%
Qatar	5	2.45%
Republic of Korea	1	0.49%
Russian Federation	1	0.49%
Samoa	2	0.98%
Saudi Arabia	26	12.75%
Singapore	5	2.45%
South Africa	2	0.98%
Spain	2	0.98%
Taiwan	9	4.41%
United Arab Emirates	13	6.37%
United Kingdom of Great Britain and Northern Ireland	14	6.86%
United States of America	12	5.88%
<i>Total</i>	<i>204</i>	<i>100.00%</i>

Source: CBMS 2010

Kind of Work Abroad

According to the kind of work abroad, 128 work as service workers, shop and market sales workers having 30 male workers and 98 female which represent 62.75% of the total. There were 21.08% or 43 who work as Physical, mathematical and engineering science professionals with 16 male and 27 female. Only 5.88% or 12 are technician and associate professionals with 11 male and a female. Four were laborers and unskilled workers which represent 4.41% of the total with 3 males and a female.

<i>Kind of Work Abroad</i>	<i>Male</i>	<i>Female</i>	<i>#</i>	<i>%</i>
Officials of Gov't & Special-Interest Organizations, Corporate, Executives, Managers, Managing Proprietors and Supervisors	0	2	2	0.98%
Physical, Mathematical and Engineering Science Professionals	16	27	43	21.08%
Technician and Associate Professionals	11	1	12	5.88%
Clerks	0	3	3	1.47%
Service Workers and Shop and Market Sales Workers	30	98	128	62.75%
Farmers, Forestry Workers and Fishermen	5	1	6	2.94%
Trades and Related Workers	0	1	1	0.49%
Plant and Machine Operators and Assemblers	0	0	0	0.00%
Laborers and Unskilled Workers	3	1	4	1.96%
Special Occupations	3	2	5	2.45%
<i>Total</i>	<i>68</i>	<i>136</i>	<i>204</i>	<i>100.00%</i>

Source: CBMS 2010



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C. INFRASTRUCTURE & UTILITIES

Electricity

There were 913 households, or 91% of the total population has electrical connections that were all connected to the BENECO. Two of the households also have generator as their other source of electricity representing 0.20% of the total number of households. One household used battery as their source of electricity representing 0.10%. The average monthly electrical consumption was at P592.00.

Number of Households with Electrical Connections : 913 (91% of total households)
Number of Households w/o Electrical Connections : 90 (8.97% of total households)
Average Monthly Electrical Bill : Php 592

<i>Source of Electricity</i>	<i>#</i>	<i>%</i>
Electric Company	913	91.03%
None	90	8.97%
<i>Generator</i>	(2)	(0.20%)
<i>Solar</i>	(0)	(0.00%)
<i>Battery</i>	(1)	(0.10%)
<i>Others</i>	(87)	(8.67%)
<i>Total</i>	<i>1003</i>	<i>100.00%</i>

Source: CBMS 2010

Access to Safe Drinking Water

There were 532 households, representing 53.09% of the total Number of households who have access to safe drinking water (bottled water). River, stream, lake and/or spring were the sources of drinking water of 269 household representing 26.84% of the total. There were also community water systems where 145 households own a system and 25 households have shared water systems. Eleven households have water delivered through tanker trucks and/or peddlers representing 1.1% of the total household population.

There were 242 households whose sources of drinking water are just within their premises which are represented by 24.13% of the total. Households whose source of drinking water is outside their premises but just around 250 meters or less are 159 while households with water source is more than 251 meters were 34.

<i>Source of Drinking Water</i>	<i>#</i>	<i>%</i>
Community Water System-own	145	14.47%
Community Water System-shared	25	2.49%
Deep Well-own	9	0.90%



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Deep Well-shared	6	0.60%
Artesian Well-own	0	0.00%
Artesian Well-shared	2	0.20%
Dug/Shallow Well-own	1	0.10%
Dug/Shallow Well-shared	1	0.10%
River, Stream, Lake, Spring	269	26.84%
Bottled Water	533	53.09%
Tanker Truck/Peddler	11	1.10%
Others	1	0.10%

Source: CBMS 2010

<i>Distance of Source of Drinking Water</i>	<i>#</i>	<i>%</i>
Within Premises	242	24.13%
Outside Premises But 250 Meters/Less	159	15.85%
251 Meters or More	34	3.39%
Don't Know/ Not stated	568	56.63%

Source: CBMS 2010

Domestic Water System

Upper Wangal is serviced by the La Trinidad Water District, although not all households are served due to higher elevation. The schedule of service is Wednesdays and Saturdays. Difficult situations arise during the dry season, when water supply dries out.

The Wangal Community Multi-Purpose Cooperative runs a domestic water system built under the Jaime Ongpin Foundation, Inc.'s Water, Trees, and Life Project in 2005, under the auspices of the Australian Aid. About 120 number of houses are serviced by the system covering the areas of Talinguoy, Lower Wangal and Sadjatan.

At least two community-shared deepwells are found in Upper Wangal, one in Lower Wangal, and one in Gayasey, all built under the RW3SP project in the early 2000.

Roads

Wangal has a total road length of 16.67 km.

<i>Name of Road</i>	<i>Length (km)</i>	<i>Road ROW (m)</i>	<i>Area of jurisdiction</i>	<i>Remarks</i>
Buyagan- Wangal- Banengbeng Rd.	6.348	4.000	Provincial	Concrete
Pico - Stockfarm Rd	2.344	4.000	Provincial	Concrete
Housing- Stock farm Rd	0.326	4.000	Provincial	Concrete
Buyagan-Wangal-Cemetery Rd	0.412	2.970	Barangay	Concrete



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Clinton-Gayasey Rd	1.250	2.700	Barangay	Tirepath/ Dirt
Longlong-Talinguroy Rd	1.630	2.600	Barangay	Tirepath/ Dirt
Upper Wangal Rd	2.270	2.770	Barangay	Tirepath/ Concrete
Wangal Proper-Talinguroy Rd	1.250	3.000	Barangay	Tirepath / Dirt
Wangal River to Wangal E/S Rd	0.840	2.410	Barangay	Concrete/ Tirepath
Total	16.67			

Source: CLUP 2000-10 & 2013-23

Cemeteries

Wangal houses two cemeteries, the municipal cemetery and the Pyramid Memorial Park, which used to be the municipal garbage dump used for almost 30 years (1980-2010).

VI. GOVERNANCE

Vision

We envision Barangay Wangal to be progressive and self-reliant community, with sustainable environment, where educated, peaceful and God-loving citizens live a healthy atmosphere, enjoying life from ancestral lands and responsively participate in local governance.

Mission

The Barangay officials commits itself in providing quality life to its constituents by finding an immediate and just solution to the needs and concerns.

Goals

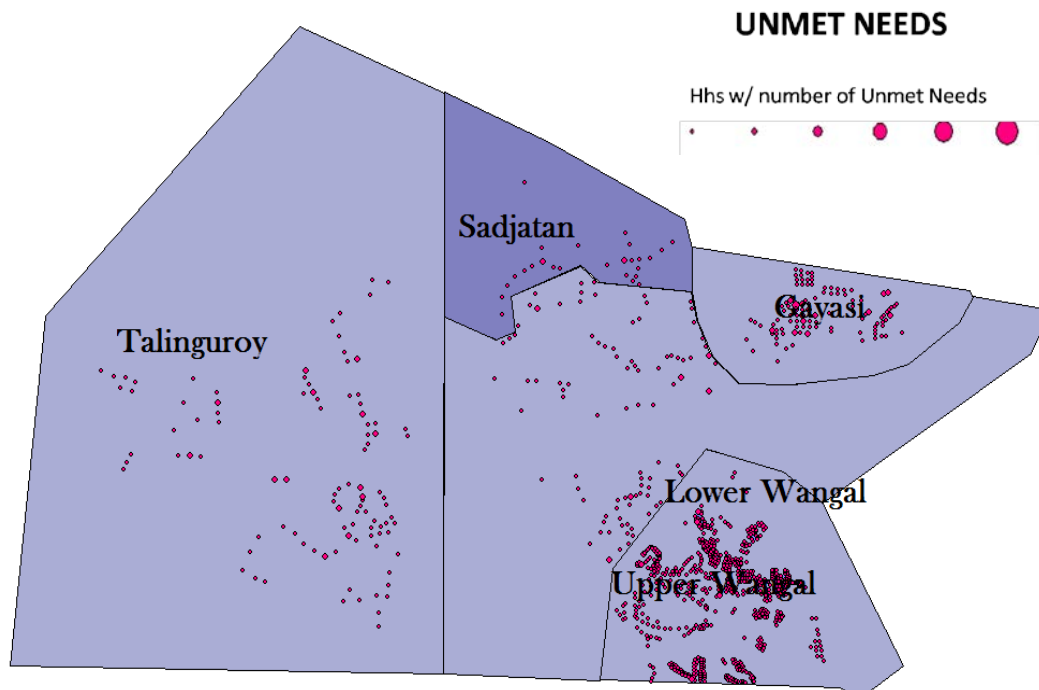
1. *Seek assistance from the government agencies as well as the private sector and non-government organizations for additional funds and other resources to support all the projects identified and enhance reliable linkages therein for regular and technical assistance;*
2. *Protect, respects and ensure the cleanliness of the environment;*
3. *Organize cooperatives and associations to produce good quality of products;*
4. *Protect and preserve the barangay watershed and*
5. *Ensure security and safety of the citizenry we are serving.*

CBMS Indicators of Poverty

The most felt problem by the people of Wangal is access to safe water. 99 households are affected in Gayasey, 62 in Talinguroy, 43 in Upper Wangal, and 42 in Lower Wangal. The second most felt problem is low incomes and poverty, felt by 135 households, where 82 households are affected in Upper Wangal, 24 in Talinguroy, 16 in Gayasey, and 4 households in Sadjatan. There is also a problem with children not attending school.



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POVERTY INDICATORS/ Sitio	Upper Wangal	Lower Wangal	Sadjatan	Gayasey	Talinguroy	Total
A. EDUCATION						
Children Not Attending E/S	7	2	0	2	2	13
Children Not Attending H/S	14	1	0	4	6	25
B. HEALTH & NUTRITION						
Children (0-1 y/o) who Died	0	0	1	0	1	2
Women Who Died	0	0	0	0	0	0
Malnourished Children	0	0	0	0	1	1
C. HOUSING						
HH who are Squatters	0	0	0	0	0	0
HH in Makeshift Housing	0	0	0	4	0	4
D. INCOME & LIVELIHOOD						
HH w/ Incomes Below Poverty Threshold	82	9	4	16	24	135
HH w/ Incomes Below Food Threshold	82	9	4	18	24	137
HH who Experience Hunger	0	0	0	0	0	0
Unemployed	8	0	0	0	3	11
E. WATER & SANITATION						
HH w/o Access to Safe Water	43	42	4	99	62	250
HH w/ No Sanitary Toilet	3	0	0	8	9	20

Source: CBMS 2010, as verified by Barangay Officials in 2012