

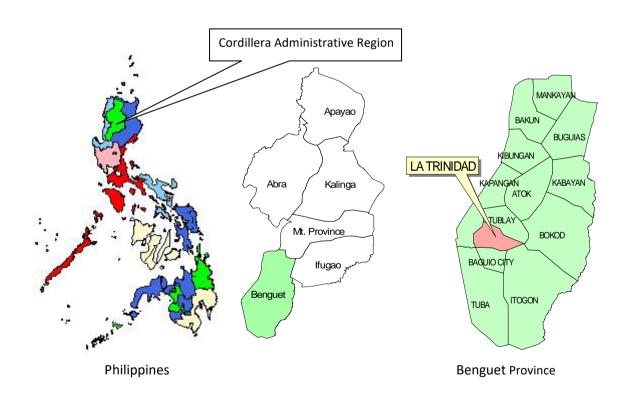
### PHYSICAL AND SOCIO-ECONOMIC PROFILE

### I. PHYSICAL PROFILE<sup>1</sup>

### **Geographic Location**

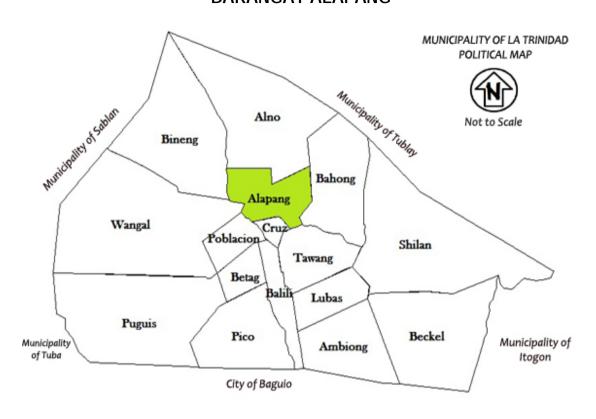
Alapang is one of the barangays of the Municipality of La Trinidad, Province of Benguet, and part of the Cordillera Administrative Region.

Barangay Alapang is situated on a mountain slope on the central part of the municipality of La Trinidad with geographical coordinates of 16 degrees 21 minutes latitude and 120 degrees 25 minutes east longitude. It is 2 kilometers from the Municipal Hall and 7 kilometers from the City of Baguio and 252 kilometers Northeast of Manila.

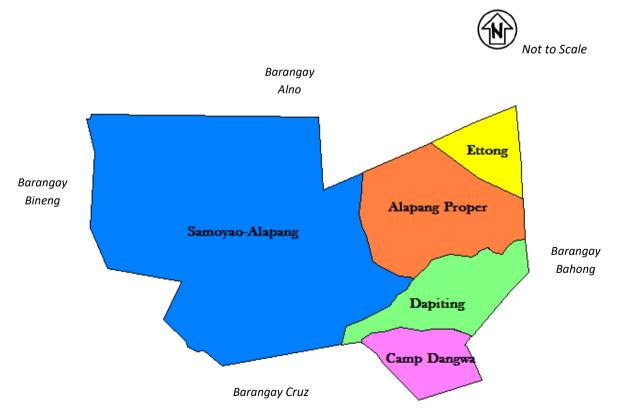


<sup>&</sup>lt;sup>1</sup>Comprehensive Land Use Plan, Barangay Alapang 2001-2011



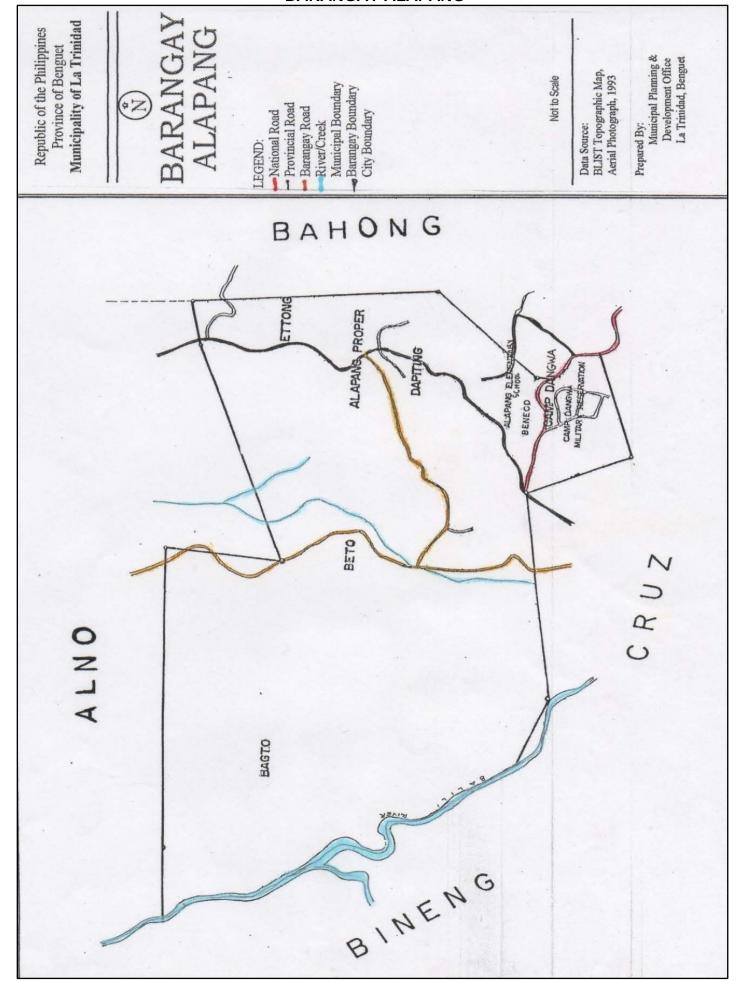


### POLITICAL MAP OF BARANGAY ALAPANG





# Municipality of La Trinidad BARANGAY ALAPANG





#### **Land Area**

The DENR-Cadastral Survey (Lot 1024-D) shows that Alapang has a total land area of 201.22 hectares, representing 2.49% of the total municipal area. It is the 5<sup>th</sup> smallest Barangay in La Trinidad.

#### **Political Subdivisions**

Alapang is one of the barangays of the Municipality of La Trinidad, Province of Benguet. It has five (5) sitios namely: Samoyao, Alapang Proper, Dapiting, Ettong and Camp Dangwa.

#### Accessibility

Barangay Alapang is accessible by passing by barangay Cruz via Baguio-Bontoc National Road. The barangay is about 2 kilometers away from the Municipal Hall. Public utility vehicles are available.

### **II. NATURAL AND PHYSICAL CHARACTERISTICS**

### Climate and Rainfall

The average temperature in Alapang ranges from 16 to 20 degrees centigrade. The coldest months are from December, January and February.

It has two pronounced seasons, dry and rainy. Rainy days are usually from May to September with August being the wettest month with an average rainfall of 1 meter. It is dry during the rest of the year.

### Topography and Slope

Alapang is generally hilly to mountainous from gentle slopes to very steep slopes ranging from 18° to 30°. Elevation ranges from 900 to 1,400 meters above sea level.

### Soil Type

There are two types of soil in the barangay namely: loam and coarse loam, the so-called Puguis gravelly loam and Bineng loam are found in the area and offers good to excessive drainage. These types of soil are suitable to a wide variety of vegetables and fruit crops including cut flowers.



### Republic of the Philippines Province of Benguet Municipality of La Trinidad

### BARANGAY ALAPANG

#### **Water Bodies**

There are two (2) common springs and one (1) creek, named Alapang Creek. Alapang Creek drains from the Busol Watershed from barangay Ambiong. Water from Alapang Creek comes from the Balili River through the Bahong caves. Water from the Alapang Creek finally joins the Payeng River which drains down the Lingayen Gulf. The creek serves as drainage and source of irrigation water.

#### Land Use

The barangay of Alapang has a total land area of 201.22 hectares which is presently used as follows:

Agriculture. A total of 23.64% hectares is devoted to agricultural activities such as farming of vegetables, cut flowers, fruit crops and livestock and poultry raising.

Forest. Land areas having 40° and above slopes are classified as forest areas. The Alapang Communal Forest covers an area of 73.92 hectares.

Commercial. The commercial land covers an area of 11.57 hectares.

Road. The road covers an area of 11.25 hectares.

Residential. The residential area covers an area of 10.28 hectares.

Institutional. The institutional land covers an area of 2.58 hectares.

### Existing Land Use

Land Use	Areas in Hectares	Percentage
Agriculture	culture 91.61	
Forest	73.92	36.74
Commercial	11.57	5.75
Road	11.25	5.59
Residential	10.28	5.11
Institutional	2.58	1.28
Total	201.22	100%

Source: Alapang Socio-Economic Profile 1998

### Province of Benguet Municipality of La Trinidad **BARANGAY ALAPANG**

### III. DEMOGRAPHY

### Population, Growth, and Population Estimates

As of the year 1975, the population was 938 and increased to 1,058 in 1980, 1,887 in 1990, 2,665 in 1995, 2,752 in 2000, 3,627 in 2007 and 4,171 in 2010.

Population: Census years 1975-2010

Census	1975	1980	1990	1995	2000	2007	2010
Population	938	1058	1887	2665	2752	3627	4171

Source: NSO

The population growth rate of barangay Alapang between years of 1990 and 1995 was high at 6.8%. This dropped down to 0.69 between 1995 and 2000. Between 2000 and 2007, population growth rate increased to 4.023. The growth rate slightly increased to 4.77 between year of 2007 and 2010.

	AVERAGE				
1990-1995	1990-1995 1995-2000 2000-2007 2007-2010				
6.8	0.69	4.023	4.77	4.07	

Source: LT Physical and Socio-Economic Profile 2011

Adopting the derived average growth rate of 4.07, the projected population for 2013 is at 4,701 persons with 1,175 estimated households. For the year 2014, the projected population is 4,893 with 1,223 households. For 2015, the projected population is at 5,092 with an estimated number of households of 1,273.

Year	Projected Population	Estimated No. of HHs
2011	4341	1085
2012	4517	1129
2013	4701	1175
2014	4893	1223
2015	5092	1273
2016	5299	1325
2017	5515	1379
2018	5739	1435
2019	5973	1493
2020	6216	1554

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

Population Doubling Time 17.2 years



# Municipality of La Trinidad BARANGAY ALAPANG

In a separate survey conducted jointly by the municipal and barangay local governments, the total population of Alapang in 2010 was 3,735, wherein the total male population was 1,892, representing 50.66% of the total. The female population was 1,843, representing 49.34%. The total number of households was 878, with an average household size of 4.

Sex	#	%
Male	1,892	50.66%
Female	1,843	49.34%
Total	3,735	100.00%

Total Number of Households: 878 Average Household Size : 4

Source: CBMS 2010

### **Population by Sitio**

A big proportion of the population or 1,482 individuals are residents of Sitio Camp Dangwa. This is followed by Dapiting with 982 residents representing 26%. Alapang proper with 610 residents, Samoyao with 410 residents or, and Ettong with 251 representing 16%, 11%, and 7% respectively.

Sitio/Purok	House	Households		
SILIO/PUTOK	#	%	#	
Camp Dangwa	354	40%	1,482	
Dapiting	223	26%	982	
Alapang Proper	140	16%	610	
Ettong	59	7%	251	
Samoyao - Alapang	102	11%	410	
Total	<i>878</i>	100%	3,735	

Source: CBMS 2010

### **Density & Classification**

The population density in Alapang increased from 9.38 persons per square kilometer in 1990, to 13.24 in 1995, and 13.68 in 2000. From 2000 to 2007, the density increased to 18.03 persons per square kilometer. This increased further to 21 persons per square kilometer in 2010. Based on this, Alapang is classified as an urban barangay.

### Population Density (Persons per Square Km)

Census year	1990	1995	2000	2007	2010
Density	9.38	13.24	13.68	18.03	21

Source: LT Physical & Socio-Economic Profile 2011



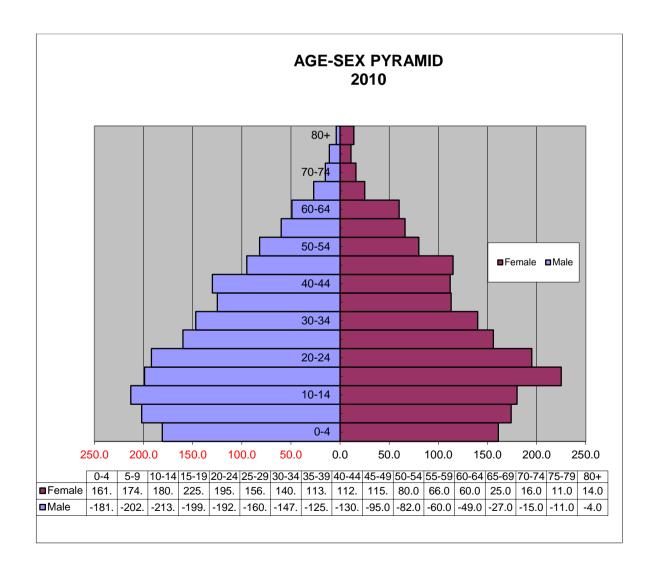
### Province of Benguet Municipality of La Trinidad BARANGAY ALAPANG

#### Population by Sex & Age Groups

Females aging 15-19 have the greatest number, representing 6.02% of the total population. Males ageing 10-14 have the highest population in the male group, representing 5.70% of the total population.

The total sex ratio was 103% which means that for every 100 female, there are 103 males. The age group 75-79 shows that the sex ratio is 100%, which indicates that there were equal numbers of males to females.

A ratio higher than 100 indicates that there is predominance of the male population as can be seen in the age groups 0-4, 5-9, 10-14, 25-29, 30-34, 35-39, 40-44, 50-54 and 65-69. While in the age groups of 15-19, 20-24, 45-49, 55-59, 60-64, 70-74 and 80 and above, there were more females than males. Only for the age groups 75-79, do we find the equal male population to the female population.





# Republic of the Philippines Province of Benguet Municipality of La Trinidad BARANGAY ALAPANG

### Population by Sex and Age Group

Age Group	Total	Male	Female	% Male	% Female	Sex Ratio
0-4	342	181	161	4.85%	4.31%	112
5-9	376	202	174	5.41%	4.66%	116
10-14	393	213	180	5.70%	4.82%	118
15-19	424	199	225	5.33%	6.02%	88
20-24	387	192	195	5.14%	5.22%	99
25-29	316	160	156	4.28%	4.18%	103
30-34	287	147	140	3.94%	3.75%	105
35-39	238	125	113	3.35%	3.03%	111
40-44	242	130	112	3.48%	3.00%	116
45-49	210	95	115	2.54%	3.08%	83
50-54	162	82	80	2.20%	2.14%	103
55-59	126	60	66	1.61%	1.77%	91
60-64	109	49	60	1.31%	1.61%	82
65-69	52	27	25	0.72%	0.67%	108
70-74	31	15	16	0.40%	0.43%	94
75-79	22	11	11	0.29%	0.29%	100
80+	18	4	14	0.11%	0.37%	29
Total	3,735	1,892	1,843	50.66%	49.34	103

Age	Both Sexes	Male	Female	% to Pop
0	35	21	14	0.94%
1	68	28	40	1.82%
2	88	48	40	2.36%
3	78	41	37	2.09%
4	73	43	30	1.95%
5	72	43	29	1.93%
6	77	31	46	2.06%
7	79	46	33	2.12%
8	67	34	33	1.79%
9	81	48	33	2.17%
10	69	45	24	1.85%
11	94	54	40	2.52%
12	79	42	37	2.12%
13	70	28	42	1.87%
14	81	44	37	2.17%
15	68	31	37	1.82%
16	82	40	42	2.20%
17	98	48	50	2.62%
18	92	41	51	2.46%
19	84	39	45	2.25%
20	103	55	48	2.76%
21-25	351	169	182	9.40%
26-30	315	160	155	8.43%
31-35	280	146	134	7.50%
36-40	220	118	102	5.89%
41-45	239	120	119	6.40%
46-50	204	101	103	5.46%
51-55	159	79	80	4.26%



# Municipality of La Trinidad BARANGAY ALAPANG

56-60	110	50	60	2.95%
61-65	105	48	57	2.81%
66 & over	114	51	63	3.05%

### Age Dependency

The total dependency ratio is 49.3 which mean that for every 100 potential in the working group, 1,234 persons are dependent on them. This ratio of dependents consists of 44.4% or 1,111 persons in the young-age group and 4.9% or 123 persons from the elderly group.

Dependency Ratios	#	% to Total	Ratios
Young-age dependency ratio (0-14)	1,111	30%	44.4
Old-age dependency ratio (65+)	123	3%	4.9
Age dependency ratio (Total Dependent)	1,234	33%	49.3
Working age group (15-64)	2,501	67%	50.66

Source: CBMS 2010

#### **Median Age**

The population of barangay Alapang has a median age of 24 years old. This means that half of the population belongs to the young population ages 24 years old and below.

### **Migration**

The total number of migrants in Alapang is 1,258, representing 33.68% of the total population. Out of the total number of migrants, 620 or 49.28 % are males and 638 or 50.72% are females. The In-migration rate is very high at 301.61 indicating that Alapang is an in-migration area.

Migrants by Sex	#	%
Male	620	49.28
Female	638	50.72
Total to Population	1,258	33.68

Source: CBMS 2010

In –Migration Rate : 301.61

### Length of Residency

In terms of length of residency 1,260 have resided in Alapang for 0-5 years, representing 33.73% of the population. There are 724 persons who have resided in the barangay for a period of 6-10 years, and 538 residents who have resided for 11-15 years.

Length of Residency	#	%	Length of Residency	#	%
0 - 5 Years	1,260	33.73%	46 - 50 Years	41	1.10%
6 - 10 Years	724	19.38%	51 - 55 Years	29	0.78%
11 - 15 Years	538	14.40%	56 - 60 Years	20	0.54%
16 - 20 Years	367	9.83%	61 - 65 Years	22	0.59%
21 - 25 Years	223	5.97%	66 Years and Above	32	0.86%
26 - 30 Years	179	4.79%	Since Birth	1	0.03%
31 - 35 Years	101	2.70%	Not Stated	57	1.53%
36 - 40 Years	80	2.14%	Total	3735	100.00%

### IV. SOCIAL CHARACTERISTICS

### A. CULTURAL ATTRIBUTES

### **Religious Affiliation**

Most of the residents of Alapang belong to the Catholic sector with 2,929 members or 78.42% of the total population. Born Again Christian members were at 211 or 5.65% of the total. Members of Anglican Church accounted to 119 or 3.19%. The rest of the population belongs to various different religious denominations.

Religion	Total	%	Religion	Total	%
Aglipay	1	0.03%	Jehovah's Witnesses	73	1.95%
Anglican	119	3.19%	Jesus is Alive	1	0.03%
Assembly of God	62	1.66%	Kingdom of Christ	2	0.05%
Baptist	71	1.90%	KKMI	8	0.21%
Born Again Christian	211	5.65%	Lutheran	11	0.29%
Catholic	2,929	78.42%	Methodist	10	0.27%
Church of Father & Son	6	0.16%	Mormon	19	0.51%
CSPI	7	0.19%	Pentecostal	21	0.56%
Episcopalian	3	0.08%	Protestant	74	1.98%
Espiritista	5	0.13%	Seventh Day Adventist	21	0.56%
Evangelical	2	0.05%	UCCP	13	0.35%
Full Gospel	11	0.29%	None	8	0.21%
Iglesia ni Cristo	31	0.83%	Not Stated	13	0.35%
Islam	3	0.08%	Total	3,735	100.00%

Source: CBMS 2010

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

In terms of community affairs participation, 417 are members of a community organization representing 13.82% of the total population. Out of the total members of organizations, 165 of them were males and 251 were females. While 2600 or 86.18% of the total population were not members of any organization with 1,314 males and 1,256 females.

Membership to a Community Organization	Male	Female	Total	%
Member	165	251	417	13.82%
Non-Member	1,314	1,256	2,600	86.18%
Total	1,479	1,471	3,017	100.00%



# Municipality of La Trinidad BARANGAY ALAPANG

Among the residents who are members of the organizations, 157 or 37.63% were members of civic associations. One hundred five (105) were members of cooperatives representing 25.18% of the total, and 75, or 17.99% were members of the senior citizens group.

Organization Membership by Type	#	%
Religious Group	19	4.56%
Youth Group	4	0.96%
Cultural Group	0	0.00%
Political Group	1	0.24%
Women's Organization	29	6.95%
Agriculture-based Organization	7	1.68%
Labor Organization	1	0.24%
Civic Association	157	37.65%
Cooperative	105	25.18%
Senior Citizens	75	17.99%
Others	19	4.56%
Total	417	100.00%

Source: CBMS 2010

### Ethnicity

More than one third of the total population or 1,412 persons belong to Ibaloi ethnic group, representing 37.80% of the total population. About 21.29% are Kankanaey, and 3.94% are Ifugao. The rest belong to various 18 other indigenous groups.

Indigenous Group	#	Total	Indigenous Group	#	Total
Aberling/Aborlin	7	0.19%	Kalinga	57	1.53%
Applai	5	0.13%	Kankanaey	795	21.29%
Bago	3	0.08%	Mandaya	4	0.11%
Balangao	16	0.43%	Mangyan	1	0.03%
Bontoc	143	3.83%	Muslim	1	0.03%
Cebuano	1	0.03%	Palawano	1	0.03%
Ibaloi	1,412	37.80%	Tingguian	6	0.16%
Ibanag	12	0.32%	Tuwali	5	0.13%
Ifugao	147	3.94%	Others	1	0.03%
Ilongo	1	0.03%	No Indigenous Tribe	1,095	29.32%
Itneg	8	0.21%			
Kalanguya	14	0.37%	Total	3,735	100.00%

Source: CBMS 2010

### **B. EDUCATION**

### Literacy (10 years old and above)

The literacy rate of Alapang is high at 97.88% of the population who are 10 years old and above. Out of the 2,949 literate, 1,469 were males and 1,480 were females. The number of illiterate was 64 or 2.12% of the population. Thirty-seven were males and twenty seven were females.



# Municipality of La Trinidad BARANGAY ALAPANG

Literacy by sex	Male	Female	Total	%
Literate	1,469	1,480	2,949	97.88%
Illiterate	37	27	64	2.12%
Total	1,506	1,507	3,013	100.00%

Source: CBMS 2010

Of the total population, 33.07% are still going to school. And 66.93% were not attending school, (this number includes all age brackets). Of the total number of persons going to school, 634 were males and 601 were females. Persons not attending school were at 2,500, comprising 1,258 males and 1,242 females.

Attending School by Sex	Male	Female	Total	%
Attending School	634	601	1,235	33.07%
Not attending School	1,258	1,242	2,500	66.93%
Total	1,892	1,843	3735	100%

Source: CBMS 2010

### Educational Attainment of Population Aged 3 years old and above

According to educational attainment, there are 305 who are not in school with 162 males and 143 females representing 8.61% of the total population. Fifty six (56) were able to go to day care with 36 males and 20 females. Sixty seven (67) were able to enter nursery, kindergarten or preparatory with 41 males and 26 females.

Educational Attainment (3 y/o +)	Male	Female	Total	%
No Grade	162	143	305	8.61%
Day Care	36	20	56	1.58%
Nursery/Kindergarten/Preparatory	41	26	67	1.89%
Grade 1	61	48	109	3.08%
Grade 2	57	44	101	2.85%
Grade 3	56	31	87	2.45%
Grade 4	49	42	91	2.57%
Grade 5	63	42	105	2.96%
Grade 6/7	11	6	17	0.48%
Elementary Graduate	130	102	232	6.55%
1st Year High School	51	59	110	3.10%
2nd Year High School	79	62	141	3.98%
3rd Year High School	54	48	102	2.88%
4th/5th Year High School	15	17	32	0.90%
High School graduate	243	250	495	13.97%
1st year Post Secondary	6	3	9	0.25%
2nd year Post Secondary	14	11	25	0.71%
3rd year Post Secondary	3	9	12	0.34%
Post Secondary graduate	51	47	98	2.77%
1st year College	75	73	148	4.18%
2nd year College	83	104	187	5.28%



# Municipality of La Trinidad BARANGAY ALAPANG

3rd year College	64	67	131	3.70%
4th year College or higher	16	12	28	0.79%
College graduate	356	460	818	23.08%
With units Masters/Doctors	7	8	15	0.42%
Doctors/Master's degree	9	14	23	0.65%
Total	1,792	1,748	3,544	100%

Source: CBMS 2010

There were also 510 persons who were in elementary. A number of 232 were able to graduate elementary, (130 males and 102 females) representing 6.55% of the total population (3 years old and above). Three hundred eighty five (385) were able to enter high school. 495 graduated from high school with 243 males and 250 females, representing 13.97%.

Individuals who were able to reach college level accounted to 494 individuals. While 818 were able to graduate from college with 356 males and 460 females representing 23.08%. 15 individuals were able to obtain units in masters and or doctorates, 7 males and 8 females. While 23 were able to finish their doctors and or Master's degree, 9 males and 14 females representing 0.65% of the total population.

### **Educational Attainment of those in School**

For those who were attending school, the grade level with the most number of enrolled pupils was grade 2, with 99 pupils, representing 8.02% of the total population of those attending school. Out of the 99 pupils, 54 were males and 45 were females. This is followed by Grade 3 with 79 enrolled pupils where 42 were males and 37 were female representing 6.40%. Grade 1 had 78 enrolled pupils with 48 males and 30 females representing 6.32%. Nursery, kindergarten or preparatory had 76 enrolled pupils with 44 males and 32 female representing 6.15% of the total.

Grade/Year Level of those going to School	Male	Female	#	%
Day Care	33	35	68	5.51%
Nursery/Kindergarten/Preparatory	44	32	76	6.15%
Grade 1	48	30	78	6.32%
Grade 2	54	45	99	8.02%
Grade 3	42	37	79	6.40%
Grade 4	35	24	59	4.78%
Grade 5	31	33	64	5.18%
Grade 6/7	45	26	71	5.75%
Elementary Graduate	1	1	2	0.16%
1st Year HS	42	49	91	7.37%
2nd Year HS	28	47	75	6.07%
3rd Year HS	43	29	72	5.83%
4th/5th Year HS	25	27	52	4.21%
1st year Post Secondary (PS)	10	3	13	1.05%
2nd year PS	3	1	4	0.32%
3rd year PS	1	2	3	0.24%
1st year College	33	60	93	7.53%
2nd year College	47	43	90	7.29%



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3rd year College	38	45	83	6.72%
4th year College or higher	27	28	55	4.45%
With units Masters/Doctors	4	4	8	0.65%
Total	634	601	1235	100.00%

Source: CBMS 2010

There were 91 students enrolled in first year high school with 42 males and 49 females representing 7.37% of the total population. Second year high school had 75 enrolled students with 28 males and 47 females representing 6.07% of the total. Third year had 72 enrolled students with 43 males and 29 females representing 5.83%. For fourth year, 52 were enrolled with 25 males and 27 females representing 4.21%.

Some 93 students were enrolled in first Year College, comprising 33 males and 60 females representing 7.53% of the total population of attending school. Second year college had 90 enrolled students, with 47 males and 43 females. There were 83 enrolled in third year, 38 of them were males and 45 were females, which accounted to 6.72% of the total number of attending school. Fifty five (55) or 4.45% were enrolled in fourth year, with 27 males and 28 females. Eight (8) persons were enrolled with some units for master or doctors, where 4 were male and 4 were female representing 0.65% of the total.

### Attending school by Age Group (3 to 21 years old)

From the school going age of 3 to 21 years old, there were a total of 1,524 members of the community. Out of the 1,524, 790 were males and 734 were females. A total of 1,159 or 76.05% were in school and 365 or 23.95% were not in school.

Attending/Not Attending School by Age Group (3 to 21 years old)

	Sex		In Sc	chool	Out of School		
Age Group	Male	Female	Total	#	% to Age Group	#	% to Age Group
3	41	37	78	2	2.56%	76	97.44%
4	43	30	73	19	26.03%	54	73.97%
5	43	29	72	47	65.28%	25	34.72%
6	31	46	77	67	87.01%	10	12.99%
7	46	33	79	75	94.94%	4	5.06%
8	34	33	67	65	97.01%	2	2.99%
9	48	33	81	78	96.30%	3	3.70%
10	45	24	69	67	97.10%	2	2.90%
11	54	40	94	92	97.87%	2	2.13%
12	42	37	79	77	97.47%	2	2.53%
13	28	42	70	68	97.14%	2	2.86%
14	44	37	81	76	93.83%	5	6.17%
15	31	37	68	61	89.71%	7	10.29%
16	40	42	82	75	91.46%	7	8.54%
17	48	50	98	75	76.53%	23	23.47%
18	41	51	92	67	72.83%	25	27.17%
19	39	45	84	59	70.24%	25	29.76%



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20	55	48	103	60	58.25%	43	41.75%
21	37	40	77	29	37.66%	48	62.34%
3-21	790	734	1,524	1,159	76.05%	365	23.95%
22-25	132	142	274	51	18.61%	223	81.39%
26-30	160	155	315	18	5.71%	297	94.29%
31-35	146	134	280	4	1.43%	276	98.57%
36 & over	567	584	1151	3	0.26%	1148	99.74%
Total	1,795	1,749	3,544	1,235		2,309	

Source: CBMS 2010

For those in the pre-school age, most of them were not in school. For those in elementary ages of 6 to 12 years old, most of them where at least more than 95% were in school except for those in 6 and 7 years old age bracket were only 87.01% and 94.94% respectively were in school. For those in the ages appropriate for high school, at least more than 90% were in school except for those in the 15 age bracket where only 89.71% were in school. For those ages appropriate for college, there were less compared to those in the lower school levels.

#### **Educational Facilities and Enrollment**

School Level	Name of School	Enrollment (SY 2011-12)	Category
Elementary	Alapang Elementary School	581	Public

Source: DepEd-LT, TESDA, 2012

### Type of School Enrolled In

Out of 1,235 total populations of those in school, 682 were enrolled in Public Schools representing 55.22%. While 553 were enrolled in private schools comprising 44.78% of the total.

Enrollment by School Type	Total	%
Public School	682	55.22%
Private School	553	44.78%
Total	1,235	100.00%

Source: CBMS 2010

Sports & Recreation Facilities : Alapang E/S Playground

#### C. HEALTH

### **Health Facilities**

The Barangay Health Station is located at the Alapang Multi-Purpose Hall. The barangay midwife conducts home visits on Tuesdays and holds clinic on Thursdays. Private clinics and the Benguet General Hospital (provincial hospital) are found about two (2) kilometers away at the core of La Trinidad. Other hospital and clinics are also available at nearby Baguio City.

# Municipality of La Trinidad BARANGAY ALAPANG

#### **Treatment for Sickness**

There were 842 households with members who got sick in year 2010. Out of the 842, 224 members of the households who got sick availed of medical treatment, and 618 or 70.39% did not avail of any treatment or cure. Only 36 households or 4.10% of the total number of households had members who did not get sick.

Availed of Treatment/Cure for Sickness	HHs	%
Yes	224	25.51%
No	618	70.39%
Did Not Get Sick	36	4.10%
Total	878	100.00%

Source: CBMS 2010

#### Access to Health Facilities

Out of the 224 who received treatment, there were 111 patients who received treatment in the provincial public hospital representing 49.55% of the total. Some 52 patients received treatment in a private hospital or clinic representing 33.48%. There were 16 who received treatment in municipal or city public hospital, and 16 patients received cure in national public hospital representing 7.14% for each place of treatment.

Place Where Received Treatment	#	%
Public hospital (provincial)	111	49.55%
Public hospital (municipal/city)	16	7.14%
Public hospital (district)	2	0.89%
Public hospital (national)	16	7.14%
Private hospital/clinic	75	33.48%
Rural health units	2	0.89%
Brgy. health station/center	2	0.89%
Total	224	100.00%

Source: CBMS 2010

#### Mortality

There were 16 individuals who died in the community in 2010. Ten (10) of them were males and 6 were females representing 0.43% of the total population. The causes of death were: disease of the heart with 3 males and 1 female casualty; 2 males and 3 females died due to disease of the vascular system; and 2 males and a female casualty who died due to cancer, representing 25%, 31.25% and 18.75% respectively. Four (4) other deaths were recorded, 3 males and a female representing 25% of the total number of deaths.

Cause of Death	Male	Female	Total	%
Diseases of the heart	3	1	4	25.00%
Diseases of the vascular system	2	3	5	31.25%
Cancer	2	1	3	18.75%
Others	3	1	4	25.00%
Total	10	6	16	100.00%

Source: MHO 2012



# Municipality of La Trinidad BARANGAY ALAPANG

### Nutritional Status of Children (0 to 5 years old)

In 2012, there were 660 children from ages 0-5 years old where 362 of them were males and 298 were females. Of the total, 644 are of normal weight, 352 males and 292 females representing 97.58% of the total number of children from ages 0-5. Thirteen (13) or 1.97% was underweight, and 3 were overweight, or 0.46% of the total children weighed.

Nutritional Status of Children 0-5 Years Old	Male	Female	Total	%
Overweight	3	0	3	0.45%
Normal	352	292	644	97.58%
Underweight	7	6	13	1.97%
Severely Underweight	0	0	0	0.00%
Total	362	298	660	100.00%

Source: MHO 2012

### Family Planning Methods Usage

There were 524 women of child-bearing age. Out of the 524 couples, only 285 were practicing family planning or 57% of the total number of couples.

Number of Married Women of Child-bearing Age : 524

Couples Practicing Family Planning : 285

There were 127 couples who use pills as a family planning method, representing 44.56% of the total number of couples practicing family planning. Tubal ligation is adapted by 65 couples representing 22.81%. Injectable is adapted by 38 couples and 20 couples used the Standard Days Method representing 13.33% and 7.02% respectively.

Family Planning Method	#	%
Barrier Method	10	3.51%
Basal Body Temperature	2	0.70%
Billings Ovulation Method	0	0.00%
Injectable	38	13.33%
IUD	4	1.40%
Lactational Amenorrhea Method	1	0.35%
Pills	127	44.56%
Standard Days Method	20	7.02%
Symtothermal Method	0	0.00%
Tubal Ligation	65	22.81%
Vasectomy	1	0.35%
Don't Know	0	0.00%
Others	17	5.96%
Total	285	100%



# Municipality of La Trinidad BARANGAY ALAPANG

Contraceptive Prevalence Rate : 54.4% of Currently Married Women (CWM)

15-49 years old use contraceptive methods

51.1% of CWM 15-49 years old use Modern Contraceptive Method

3.2% of CWM 15-49 years old use Traditional Contraceptive Method

#### **Environmental Sanitation**

Solid Waste Management

<u>Waste Generation.</u> In 2011, a total of 3 metric tons (mt) of waste were generated daily at Alapang. From the residential area, 1.96 metric tons are generated, from institutions (schools and offices), 0.87 metric tons was produced. Only 0.22 metric tons of garbage comes from the business establishments and 0.07 metric tons was produced from the farms.

Estimated Total Waste Generated			: 3 metric tons (mt) daily			
Residential	:	1.96 mt	Commercial	:	0.22 mt	
Institutional	:	0.87 mt	Agriculture	:	0.07 mt	
Markets	:	0.00 mt				

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

<u>System of Garbage Disposal.</u> There were various ways of disposing garbage adapted by the community in Alapang. Garbage collection was done by 845 households representing 96.24% of the total households. Another 750 households segregate their waste representing 85.42% of the total. Recycling was done by 471 households or 53.64% of the total. About 284 households do composting accounted to 32.35%. Some 153 households still burn their garbage.

System of Garbage Disposal	#	% to total HHs
Garbage Collection	845	96.24%
Burning	153	17.43%
Composting	284	32.35%
Recycling	471	53.64%
Waste Segregation	750	85.42%
Compost Pit with Cover	73	8.31%
Compost Pit without Cover	82	9.34%
Others	16	1.82%



# Municipality of La Trinidad BARANGAY ALAPANG

<u>Garbage Collection.</u> Most of the garbage of the community was collected by the municipal garbage collector. There were 821 households whose garbage was collected by the municipal garbage collector in the designated collection points at scheduled days of collection representing 93.51% of the total number of households. Twenty two (22) households' garbage was collected by the barangay garbage collector representing 2.51% of the total. Garbage of other 2 households was collected by private garbage collector representing 0.23% of the total number of households (probably recyclable garbage). For some 33 households or 3.76% of the total are not serviced by any garbage collector at all.

Who Collects the Garbage	#	%
Municipal garbage collector	821	93.51%
Barangay garbage collector	22	2.51%
Private garbage collector	2	0.23%
None	33	3.76%
Total	878	100.00%

Source: CBMS 2010

<u>Collection Frequency.</u> According to the survey last 2010, 481 households or 54.78% of the total households said that their garbage was being collected once a week. There were also 205 households whose garbage was collected daily representing 23.35%. One hundred twenty four households 'garbage was collected twice a week representing 14.12% and 35 households' garbage was collected thrice a week representing 3.99%.

Frequency of Garbage Collection	#	%
Daily	205	23.35%
Thrice a Week	35	3.99%
Twice a Week	124	14.12%
Once a Week	481	54.78%
None	33	3.76%
Total	878	100.00%

Source: CBMS 2010

#### Sanitation Facilities

There were 730 households who have their own flush toilets with septic tanks representing 83.14% of the total households. For the 100 households, they shared with others' septic tank representing 11.39%. Other households still use pits with 30 who uses closed pit and 18 open pits representing 3.42% and 2.05% respectively.

Kind of Toilet Facility	#	%
Water-sealed Flush to Sewerage/Septic Tank- own	730	83.14%
Water-sealed Flush to Sewerage/Septic Tank- shared	100	11.39%
Close Pit	30	3.42%
Open Pit	18	2.05%
No Toilet	0	0.00%
Total	878	100.00%



### Province of Benguet Municipality of La Trinidad BARANGAY ALAPANG

### D. HOUSING

#### **Residential Construction**

As per records of the Municipal Engineering Office, 15 new buildings were constructed in Alapang. This represents 5% of total buildings constructed in La Trinidad.

### **House Ownership**

There were 427 owners of house and lot representing 48.99% of the total households. There were 118 households who rent a house or room including lot, representing 13.44%. Households who own house with rent-free lot without consent of owner accounted to 135 owners, representing 15.38% of the total. Households living in a rent-free house and lot with consent of owner accounted to 116 households representing 13.21%. Other 42 households accounted to other tenure status representing 4.78% of the total number of households.

Households by Tenure Status	#	%
Owner, owner-like possession of house and lot	427	48.63%
Rent house/room including lot	118	13.44%
Own house/rent lot	6	0.68%
Own house, rent-free lot with consent of owner	24	2.73%
Own house, rent-free lot without consent of owner	135	15.38%
Rent-free house and lot with consent of owner	116	13.21%
Rent-free house and lot without consent of owner	10	1.14%
Other tenure status	42	4.78%
Total	<i>878</i>	100.00%

Source: CBMS 2010

Average Imputed Rent<sup>2</sup> per Month for the House and/Lot: 3,676

Minimum Imputed Rent 100

Maximum Imputed Rent P300,000

#### **Construction Materials of Housing Units**

According to type of materials used for walls of houses, there were 662 households whose walls were made of strong materials representing 75.40% of the total households in the barangay. While walls made up of mixed materials, but predominantly strong materials were at 172 representing 19.59% of the total. There were 20 households with houses made out of light wall materials, representing 2.28%. Sixteen (16) households had mixed but predominantly light materials representing 1.82%.

<sup>&</sup>lt;sup>2</sup> 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.



# Municipality of La Trinidad BARANGAY ALAPANG

Households by Type of Materials Used for Walls	#	%
Strong Materials	662	75.40%
Light Materials	20	2.28%
Salvaged/Makeshift Materials	6	0.68%
Mixed but Predominantly Strong	172	19.59%
Mixed but Predominantly Light	16	1.82%
Mixed but Predominantly Salvage	2	0.23%
Total	878	100.00%

Source: CBMS 2010

With regards to the type of the materials used for the roof, 624 households have strong materials representing 71.07% of the total households. Roofs made of mixed but predominantly strong materials accounted to 210 representing 23.92%. There were also 24 households with roof made of mixed but predominantly light materials representing 2.73%. Light roof materials were at 13 households representing 1.48% of the total.

Households by Type of Materials Used for Roof	#	%
Strong Materials	624	71.07%
Light Materials	13	1.48%
Salvaged/Makeshift Materials	4	0.46%
Mixed but Predominantly Strong	210	23.92%
Mixed but Predominantly Light	24	2.73%
Mixed but Predominantly Salvage	3	0.34%
Total	878	100.00%

Source: CBMS 2010

### Household Conveniences

The most commonly owned appliance were LPG Gas Stove/Range with 829 households representing 94.42% of the total number of households. This is followed by cellular phones with 792 representing 90.21%, and 765 households owned a television representing 87.13%. There were 737 households who own a radio or radio cassette which accounted to 83.94% of the total.

Households With Appliances/Durables	#	%
Radio/Radio Cassette	737	83.94%
Television	765	87.13%
CD/VCD/DVD Player	682	77.68%
Stereo/Component	232	26.42%
Karaoke	159	18.11%
Refrigerator/Freezer	571	65.03%
Electric Fan	221	25.17%
Electric Iron	625	71.18%
LPG Gas Stove/Range	829	94.42%
Washing Machine	584	66.51%
Microwave Oven	203	23.12%
Personal Computer	432	49.20%
Mobile Phone/Cellular Phone	792	90.21%
Landline Telephone	83	9.45%
Air-Conditioner	30	3.42%
Sewing Machine	70	7.97%
Car, Jeep, Motorcycle and Other Motorized Vehicles	288	32.80%



# Municipality of La Trinidad BARANGAY ALAPANG

There were 682 households or 77.68% of the total number of households who own a CD/VCD/DVD Player. Electric Iron was owned by 625 households representing 71.18% of the total. Households who own washing machine were at 584 representing 66.51%. There were also 571 households who own a refrigerator representing 65.03%.

### **E. SOCIAL WELFARE**

### **Day Care Center Facilities**

Alapang Day Care Center
Alapang Warehouse Day Care Center

Samoyao Day Care Center Camp Dangwa Day Care Center

### **Clientele Groups**

#### Solo Parents

A total of 111 solo parents were documented consisting of 33 males and 78 females. The top reason for being a solo parent is due to death of spouse where 55 widows/widowers were recorded to be solo parents, representing 49.55% of the total number of solo parents. Out of the 55, 14 were male and 41 were female. There were 24 solo parents due to non-marriage where 10 of them were males and 14 were female, representing 21.62%. Abandonment of spouse was accounted to 18 consisting of 6 males and 12 females, representing 16.22%.

Reasons For Being A Solo Parent	Male	Female	Total	%
Death of Spouse	14	41	55	49.55%
Imprisonment of Spouse	0	2	2	1.80%
Legal Separation from Spouse for At least 1 Year	1	1	2	1.80%
Annulment of Marriage	0	2	2	1.80%
Abandonment of Spouse for At least One Year	6	12	18	16.22%
Unmarried Mother/Father Who Preferred to Keep				
the Child Instead of Others Caring for Them	10	14	24	21.62%
Assumes the Responsibility of the Head of the Family	0	3	3	2.70%
Other Reason	2	3	5	4.50%
Total	33	78	111	100.00%

Source: CBMS 2010

### **Persons with Disability**

There were 60 persons with disabilities recorded in Alapang, where 47 were male and 13 were female, representing 1.61% of the total population. Five have mild cerebral palsy, with 2 males and 3 females, representing 8.33% of the total number of persons with disability. There were 3 males who were partially blind, representing 5%. There were also 3 males who were regularly impaired by mental illness, representing 5% of the total. Three (3) males have hard of hearing, representing 5%. Other 3 have severe cerebral palsy consisting of 2 males and a female, representing 5%.



# Municipality of La Trinidad BARANGAY ALAPANG

Persons with Disability by Type/Sex	Male	Female	Total	%
Total Blindness	1	0	1	1.67%
Partial Blindness	3	0	3	5.00%
Low Vision	2	0	2	3.33%
Totally Deaf	1	0	1	1.67%
Partially Deaf	1	0	1	1.67%
Hard of Hearing	3	0	3	5.00%
Oral Defect	2	0	2	3.33%
One Leg	1	0	1	1.67%
Mild Cerebral Palsy	2	3	5	8.33%
Severe Cerebral Palsy	2	1	3	5.00%
Regularly Intellectually Impaired	2	0	2	3.33%
Regularly Impaired by Mental Illness	3	0	3	5.00%
Severely Impaired by Mental Illness	3	0	3	5.00%
Regularly Multiple Impaired	2	0	2	3.33%
Severely Multiple Impaired	1	0	1	1.67%
Others	18	9	27	45.00%
Total	47	13	60	100.00%

Source: CBMS 2010

There were 30 disabled persons which was in-born with 23 males and 7 females representing 50% of the total. Twenty two (22) were due to illness representing 36.67%. Another 7 who were all males were due to accident representing 11.67% of the total number of persons with disability.

Cause of Disability	Male	Female	Total	%
In-born	23	7	30	50.00%
Illness	16	6	22	36.67%
Accident	7	0	7	11.67%
Others	1	0	1	1.67%
Total	47	13	60	100.00%

Source: CBMS 2010

Financial Assistance was received by 8 disabled persons representing 13.33% of the total. Four (4) persons or 6.67% received medical assistance. Another two (2) availed discount on medicines representing 3.33%. The sources of assistance received were from government having 6 recipients, 1 from non-government agency and 7 from other sources.

Assistance Received	#	%
Medical Assistance	4	6.67%
Financial Assistance	8	13.33%
Discount on Medicine	2	3.33%
Total	14	23.33%



# Municipality of La Trinidad BARANGAY ALAPANG

Source of Assistance Received	#	%
Government	6	10.00%
NGO	1	1.67%
Others	7	11.67%
Total	14	23.33%

Source: CBMS 2010

### Senior Citizens

There were 232 senior citizens with 107 males and 125 females representing 6.21% of the total population of Alapang. Only 168 seniors consisting of 71 males and 97 females have their identification cards. Sixty four (64) seniors with 36 males and 28 females do not have identification cards representing 27.59%. Nineteen (19) senior citizens were able to use their identification cards, 9 males and 10 females representing 8.19% of the total number of seniors.

Senior Citizen ID Usage	Male	Female	#	%
Members Who Has Able to Use ID	9	10	19	8.19%
With Identification Card	71	97	168	72.41%
Without Identification Card	36	28	64	27.59%
Total	107	125	232	6.21%

Source: CBMS 2010

### **Access to Government Programs**

Majority of the households or about 464 households or 52.85% of the total number of households were able to benefit from all various types of the Government programs. There were 154 households who were recipients of the Supplemental Feeding program, representing 33.19% of the total. The Credit program had 112 recipients representing 24.14%. Another 80 households or 17.24% of the total were beneficiaries of the Philhealth for Indigents program. Forty (40) households were recipients of the Housing program representing 8.62% of the total. Given these programs, 97% said that the effects of the programs are good.

Types of Programs Received/Availed by the HHs	# HHs	%
Recipient of CARP	0	0.00%
Philhealth for Indigents	80	17.24%
Supplemental Feeding Program	154	33.19%
Health assistance program	28	6.03%
Education / scholarship program	26	5.60%
Skills or livelihood training program	4	0.86%
Housing program	40	8.62%
Credit program	112	24.14%
Other types of program, specify	20	4.31%
Total	464	100.00%



# Municipality of La Trinidad BARANGAY ALAPANG

Effect of the Programs	#	%
Positive	451	97.20%
No Effect	10	2.16%
Negative Effect	3	0.65%
Total	464	100.00%

Source: CBMS 2010

#### F. PUBLIC SAFETY

### **Peace and Order**

There were 51 incidents of crime in Alapang last 2012, most of which are vehicular accidents at 53% of all crime in the barangay. Theft and robbery comes in as second and third top most crimes in the barangay.

Victims of Crime	#	%
Child Abuse	2	3.92%
Other Non-index	3	5.88%
Physical Injuries	2	3.92%
Robbery	7	13.73%
Theft	9	17.65%
VAWC	1	1.96%
Vehicular Accidents	27	52.94%
Total	51	100.00%

Source: PNP-La Trinidad, 2012 data

### Calamity

A total of 56 households said that they were affected by natural and/or man-made disasters in 2010. There were 44 households affected by typhoon representing 78.57% of the total. Twelve (12) were due to flood representing 21.43%.

Types of Calamities	#	%
Typhoon	44	78.57%
Flood	12	21.43%
Drought	0	0.00%
Earthquake	0	0.00%
Volcanic Eruption	0	0.00%
Armed Conflict	0	0.00%
Fire	0	0.00%
Others	0	0.00%
Total	56	100.00%

# Republic of the Philippines Province of Benguet Municipality of La Trinidad BARANGAY ALAPANG

### V. ECONOMY

#### A. SOURCES OF INCOME

### **Entrepreneurial Activities**

Regarding income, 413 households or 47% of the total number of households were engaged in entrepreneurial activities which includes agricultural activities. There were 142 households who were in wholesale and retail trade activities with minimum income of P1,000, maximum income of P480,000 and an average annual income of P100,514.

Crop farming and gardening has 118 households with an average annual income of P80, 113, minimum P3, 000 and maximum of P601, 000. While a number of 59 households were engaged in transportation, storage and communication services having an average income of P123, 995, a minimum of P34, 100 and a maximum of P541, 500.

Entropy on a wind Activities by Income	House	eholds		Income ( <del>P</del> )	
Entrepreneurial Activities by Income	#	%	Minimum	Average	Maximum
Crop Farming and Gardening	118	13.44%	3,000.00	80,113.00	601,000
Livestock and Poultry Raising	15	3.63%	1,000.00	43,400.00	224,000.00
Fishing Activities	1	0.11%	56,000.00	56,000.00	56,000.00
Forestry and Hunting Activities	1	0.11%	31,000.00	31,000.00	31,000.00
Wholesale & Retail Trade Activities	142	16.17%	1,000.00	100,514.00	480,000.00
Manufacturing Activities	7	0.80%	48,000.00	77,286.00	120,000.00
Community, Social and Personal	20	2.28%	40,000.00	265,850.00	2,300,000
Transportation, Storage and Communication Services	59	6.72%	34,100.00	123,995.00	541,500.00
Mining and Quarrying Activities	6	0.68%	28,800.00	122,133.00	200,000.00
Construction	16	1.82%	800.00	177,300.00	480,000.00
Other Activities	28	3.19%	10,000.00	112,014.00	420,000.00
Total	413				

Source: CBMS 2010

### Salaries and Wages

Majority or 54.21% of households in the barangay were wage earners. This is comprised of 426 households having an annual minimum income of P2,000, a maximum income of P1,078,000 and an average income of P235,048 annually.

Salaries and Wages by Income	Hous	eholds		Income ( <del>P</del> )	
	#	%	Minimum	Average	Maximum
Salaries and Wages	476	54.21%	2,000.00	235,048.00	1,078,000.00



#### **Additional Sources of Income**

A total of 681 households had other sources of income aside from their main source of income. Out of 681, 197 households received remittances from Overseas Filipino Workers with P2,000 minimum income received, a maximum of P360,000 and an average of P57,732. Another 112 households received additional income from retirement pensions, with an average annual income of P187,322, a minimum income of P2, 800 and maximum income of P1,176,000. There were also 69 households who received interest payments for additional income at a minimum of P150, a maximum of P720,000 and an average annual income of P12,822.

Sixty two (62) households had additional income from cash receipts, support, assistance and relief from domestic sources with a minimum of £1,000, a maximum of £150,000 and an average annual income of £17,970. Forty two (42) households made additional income from rentals received from agricultural lands, spaces, buildings and other properties with an average annual income of £74,034, a minimum of £2,400 and maximum of £420,000.

Additional Sources of Income	# of	Minimum	Average	Maximum
Additional Sources of Income	HHs	Income	Income	Income
Net Share of Crops, Livestock, and Poultry	16	2,280.00	57,732.00	360,000.00
Raised by Other HHs				
Remittances from Overseas Filipino Workers	197	2,000.00	138,256.00	960,000.00
Receipts from Abroad	15	4,000.00	73,814.00	480,000.00
Receipts from Domestic Sources	62	1,000.00	17,970.00	150,000.00
Rentals Received	42	2,400.00	74,034.00	420,000.00
Interest Earned	69	150.00	12,822.00	720,000.00
Pension and Retirement Received	112	2,800.00	187,322.00	1,176,000
Dividends from Investment	8	150.00	24,695.00	164,400.00
Other Sources	160	1,000.00	142,984	12,200,000
Total	681			

Source: CBMS 2010

### Annual Per Capita Poverty Threshold

Of the 878 total numbers of households in Alapang, only 71 households had an annual per capita income of less than P15, 820 (poverty threshold), representing 8.09% of the total. The annual per capita poverty threshold is the minimum annual income required to be spent by each member of a family to satisfy their nutritional requirements and other basic needs. Nonetheless, none of them said that they experienced food shortage for the past three months.

### Agriculture

There were 118 households who were engaged in agriculture, representing 13.44% of the total number of households in Alapang.



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<u>Tenure Status.</u> Out of 118 households who were engaged in farming, 62.71% or 74 farmers owned the agricultural land they were working on. A number of 25 farmers rent the agricultural land they were tilling, representing 21.19% of the total farmers. Sixteen (16) farmers representing 13.56% of the total farmers, do not actually own the land they were tilling but have the consent of the owner. Three (3) farmers did not specify the tenure status of the agricultural land they were working on.

Tenure Status(Agricultural Land)	#	%
Owned or owner-like possession	74	62.71%
Rent	25	21.19%
Not owned but with consent of owner	16	13.56%
Not owned and without consent of owner	0	0.00%
Other	3	2.54%
Total	118	100.00%

Source: CBMS 2010

<u>Agricultural Land Area.</u> Seventy four (74) households worked on an agricultural land area less than one hectare representing 83.90% of the total number of farmers. There were also 17 households who cultivated 1-3 hectares of agricultural land

Agricultural Implements. There were 182 farmers who owned the equipment and facilities they used, representing 94.30% of all farmers. Eleven (11) farmers said that they do not own the equipment and facilities they used representing 5.70% of the total. The insecticide or pesticide sprayer was the most commonly used agricultural equipment which accounted to 104 farmers or 53.89% of the total number of farmers. Another 32 farmers owned a harrow, representing 16.58%. Twenty six (26) farmers had a mower, representing 13.47%. Lastly, the harvester was the least-owned equipment representing 4.66% of the total, or owned by 9 farmers.

Ownership of Equipments/Facilities	#	%
Yes	182	94.30%
No	11	5.70%
Type of Agricultural Equipment or Facilities Used	#	%
Beast of Burden	1	0.52%
Plow	5	2.59%
Harrow	32	16.58%
Mower	26	13.47%
Insecticide or Pesticide Sprayer	104	53.89%
Farm Tractor	4	2.07%
Hand Tractor	2	1.04%



# Municipality of La Trinidad BARANGAY ALAPANG

Harvester, Any Crop	9	4.66%
Irrigation Pump	5	2.59%
Other Equipment/Facilities	5	2.59%

Source: CBMS 2010

<u>Livestock Raising</u>. Only 13 households were engaged in livestock raising. Seven (7) households raised hog for fattening, representing 53.85% of all who were engaged in livestock raising. Chicken were raised by 5 households which accounted to 38.46% of the total. Only one (1) household raised sow representing 7.69%.

Livestock Being Raised by Households	#	%
Hog for Fattening	7	53.85%
Sow	1	7.69%
Goat	0	0.00%
Carabao	0	0.00%
Cow	0	0.00%
Chicken	5	38.46%
Chicken for Egg Laying	0	0.00%
Duck	0	0.00%
Other Livestock/Poultry	0	0.00%
Total	13	100.00%

Source: CBMS 2010

There were 163 live animals, 3,780 kilograms of meat, 2 liters of milk and 1,202 pieces of eggs were produced annually by those households engaged in livestock or poultry raising.

Volume of Production of Livestock/Poultry	Volume of Production
Live animals	163 heads
Meat	3,780 kgs.
Milk	2 liters
Eggs	1,202 pcs.

Source: CBMS 2010

### **Fishing**

A total of 40 kilograms of fish were harvested from fishpond with an area of less than one hectare.

Fishing Grounds	#	%
Fishpond	1	100.00%
Fish cage	0	0.00%
Sea	0	0.00%
Marsh	0	0.00%
Lake	0	0.00%
River	0	0.00%
Stream/Creek	0	0.00%
Others	0	0.00%
Total	1	100.00%

#### **B. EMPLOYMENT**

#### **Labor Force**

The potential labor force of Alapang (those who are 15 to 64 years old) is 2,497 persons, with 1,236 males and 1,261 females. The actual labor force is 1,468 persons, which does not include those unable, not available and not looking for work (e.g. housewives, students, disabled, retired persons and seasonal workers). There were 1,375 persons who were employed which composed of 1,348 persons (who are 15 to 64 years old) and 27 persons (aged 65 years old and above) garnering a high 93.67% employment rate. Ninety three (93) persons were not employed representing 6.34% of the actual labor force.

Labor Force	Male	Female	Total	%
Potential Labor Force (15-64 years old)	1,236	1,261	2,497	
Actual Labor Force				
Employed	810	565	1,375	93.67%
Employed Members (15-64 Years Old )	793	555	1,348	91.83%
Employed Members (14 Years Old & Below)	0	0	0	0.00%
Employed Members (65 Years Old & Above)	17	10	27	1.84%
Unemployed who are Looking for Work	50	43	93	6.34%
Actual Labor Force	860	508	1,468	100.00%

Source: CBMS 2010

#### Nature of Employment

Out of 1,375 persons who are employed, 1,099 were permanently employed consisting of 647 males and 452 females representing 79.93% of the total number of employed. Some 211 persons were employed on a short-term, seasonal and/or casual basis with 118 males and 93 females, representing 15.35%. There were also 65 person, which is composed 45 males and 20 females, who worked on different jobs on day to day or week to week basis representing 4.73%.

Nature of Employment	Male	Female	Total	%
Permanent	647	452	1,099	79.93%
Short-term, seasonal, casual	118	93	211	15.35%
Worked on different jobs on day to day/week to week	45	20	65	4.73%
Total	810	565	1,375	100.00%



# Province of Benguet Municipality of La Trinidad BARANGAY ALAPANG

Republic of the Philippines

### Employment by Sector

A total of 279 individuals with 204 males and 75 females were employed in agriculture, mining and forestry representing 20.29% of the total number of employed. Wholesale & retail trade had 224 employed persons, with 95 males and 129 females, representing 16.29%. Another 177 persons were employed in public administration and defense, with 114 males and 63 females, representing 12.87% of the total.

Employment by Sector/Industry	Male	Female	Total	%
Agriculture, Mining, and Forestry	204	75	279	20.29%
Fishing	2	1	3	0.22%
Mining and Quarrying	12	2	14	1.02%
Manufacturing	16	12	28	2.04%
Electricity, Gas, and Water Supply	35	2	37	2.69%
Construction	55	3	58	4.22%
Wholesale & Retail Trade, Vehicle Repair	95	129	224	16.29%
Hotel and Restaurants	11	13	24	1.75%
Transportation, Storage, and Communication	102	12	114	8.29%
Financial Intermediation	7	16	23	1.67%
Real Estate, Renting, and Business Activities	20	18	38	2.76%
Public Administration and Defense	114	63	177	12.87%
Education	31	74	105	7.64%
Health and Social Work	25	39	64	4.65%
Other Community, Social/Personal Activities	62	51	113	8.22%
Private HHs with Employed Persons	16	55	71	5.16%
Extra- territorial Organization	3	0	3	0.22%
Total	810	565	1,375	100.00%

Source: CBMS 2010

Transportation, storage and communication employed 114 people with 102 males and 12 females representing 8.29%. There were 113 persons employed in community, social and personal activities composed of 62 males and 51 females representing 8.22%. One hundred five (105) individuals were employed in the education sector, where 31 were males and 74 were females, representing 7.64%. Sixty four (64) people or 4.65% were employed as health and social workers, with 25 males and 39 females.

### **Primary Occupation or Business**

Service workers and shop and market sales workers accounted to 354, where 187 were males and 167 were females, at 25.75% of the total employed labor force. Another 303 were laborers and unskilled workers, wherein 226 were males and 77 were females, representing 22.04%. There were 192 who were physical, mathematical and engineering science professionals, with 84 males and 108 females representing 13.96% of the total.



# Municipality of La Trinidad BARANGAY ALAPANG

Type of Primary Occupation or Business	Male	Female	#	%
Officials of Gov't and Special-Interest Organizations, Corporate				
Executives, Managers, Managing Proprietors and Supervisors	54	40	94	6.84%
Physical, Mathematical and Engineering Science Professionals	84	108	192	13.96%
Technician and Associate Professionals	23	9	32	2.33%
Clerks	21	57	78	5.67%
Service Workers and Shop and Market Sales Workers	187	167	354	25.75%
Farmers, Forestry Workers and Fishermen	127	44	171	12.44%
Trades and Related Workers	33	42	75	5.45%
Plant and Machine Operators and Assemblers	22	7	29	2.11%
Laborers and Unskilled Workers	226	77	303	22.04%
Special Occupations	33	14	47	3.42%
Total	810	565	1,375	100.00%

Source: CBMS 2010

One hundred seventy one (171) were farmers, forestry workers and fishermen, consisting of 127 males and 44 were females, representing 12.44%. A number of 94 individuals were officials of government and special-interest organizations, corporate executives, managers, managing proprietors and supervisors, with 54 males and 40 females, at 6.84%. Seventy eight (78) or 5.67% were clerks, wherein 21 were males and 57 were females. Another 75 individuals were trades and related workers, with 33 males and 42 females representing 5.45%.

### Class of Worker

About one third of the employed labor force, or 458 worked for private establishments, with 301 males and 157 females, representing 33.31% of the total employed labor force. This is followed by 344 self-employed without employees, where 193 of them are males and 151 were females, representing 25.02%. There were 282 persons or 20.51% who worked for government or Government Corporation with 148 males and 134 females. One forty seven (147) individuals (where were 74 males and 73 were females) worked for a household representing 10.69% of the total.

Class of Worker	Male	Female	Total	%
Worked for a household	74	73	147	10.69%
Worked for a private establishment	301	157	458	33.31%
Worked for government/ government corporation	148	134	282	20.51%
Self-employed without employees	193	151	344	25.02%
Employer in own family-operated farm or business	43	27	70	5.09%
Worked with pay on own family operated farm/ business	16	8	24	1.75%
Work without pay on own family operated farm/business	35	15	50	3.64%



### Republic of the Philippines Province of Benguet **Municipality of La Trinidad**

### Municipality of La Trinidad BARANGAY ALAPANG

### **Professionals**

There were a total of 290 individuals who were professionals, of which 237 were males and 53 were females, representing 7.76 % of the total population. Almost a third were professional teachers at 88, with 68 males and 20 females representing 30.34% of the total number of professionals. This is followed by 63 nurses, of which 47 were males and 16 were females at 21.72%. Criminologists accounted to 36, with 34 males and 2 females representing 12.41% of the total.

Fifteen (15) individuals were civil engineers, with 14 males and a female. There were also 9 attorneys, all males, representing 3.10% of the total number of professionals. Eight (8) were Certified Public Accountants, all males representing 2.76%. There were 7 Aeronautical engineers, wherein there were 5 males and 2 females, representing 2.41%.

Tune of Drofessionals	Mala	Famala	Total	0/
Type of Professionals	Male	Female	Total	%
Aeronautical Engineer	5	2	7	2.41%
Agriculturist	4	2	6	2.07%
Architect	3	0	3	1.03%
Attorney-at-Law	9	0	9	3.10%
Certified Public Accountant	8	0	8	2.76%
Civil Engineer	14	1	15	5.17%
Criminologist	34	2	36	12.41%
Dentist	3	0	3	1.03%
Elect. and Comm. Engineer	7	0	7	2.41%
Forester	2	0	2	0.69%
Geodetic Engineer	1	0	1	0.34%
Mechanical Engineer	3	0	3	1.03%
Medical Doctor	1	1	2	0.69%
Medical Technologist	2	0	2	0.69%
Midwife	2	0	2	0.69%
Nurse	47	16	63	21.72%
Nutritionist Dietitian	0	1	1	0.34%
Pharmacist	3	0	3	1.03%
Physical Therapist	1	0	1	0.34%
Physician	2	0	2	0.69%
Professional Mechanical Engineer	1	0	1	0.34%
Professional Teacher	68	20	88	30.34%
Social Worker	0	1	1	0.34%
Third Mate	1	0	1	0.34%
Veterinarian	1	0	1	0.34%
Others	15	7	22	7.59%
Total	237	53	290	100.00%

# Municipality of La Trinidad BARANGAY ALAPANG

### **Unemployment and Job Search Method**

There were 93 unemployed members of the labor force who were searching for work in year 2010, wherein 50 were males and 43 were females. About one fourth of them, or twenty three (23) individuals registered in a public employment agency as their method of searching for a job. About 12 of them were males and 11 were females, representing 24.73% of the total number of unemployed. Another 23 individuals placed or answered private advertisements, with 15 males and 8 females, representing 24.73%. Seventeen (17) unemployed members approached their relatives or friends, of which 9 were males and 8 were females representing 18.28%. Another 15 individuals approached the employer directly, with 8 males and 7 females, representing 16.13%. Thirteen (13) unemployed members registered in private employment agencies, wherein 5 were males and 8 were females, representing 13.98%.

Job Search Method	Male	Female	Total	%
Registered in public employment agency	12	11	23	24.73%
Registered in private employment agency	5	8	13	13.98%
Approached employer directly	8	7	15	16.13%
Approached relatives/friends	9	8	17	18.28%
Placed or answered private advertisements	15	8	23	24.73%
Others	1	1	2	2.15%
Total	50	43	93	100.00%

Source: CBMS 2010

### Reason for Not Searching or Applying for a Job

Of the potential labor force aged 15 to 64 years old, 1,056 individuals or 42.29% were not searching or applying for work. Most of them were students, which accounted to 500, where 238 were males and 262 were females, representing 47.35% of the total. Some 312 persons were not in search for job due to housekeeping duties, representing 29.55%. Seventy six (76) or 7.20% were either too young or too old, retired, and/or permanently disabled.

Reasons For Not Looking For Work	Male	Female	Total	%
Believes no work is available	7	4	11	1.04%
Awaiting results of previous job application	7	5	12	1.14%
Temporary illness/disability	26	13	39	3.69%
Bad Weather	0	1	1	0.09%
Waiting for rehire/job recall	9	5	14	1.33%
Too young/old, retired, permanently disabled	38	38	76	7.20%
Housekeeping	26	286	312	29.55%
Schooling	238	262	500	47.35%
Other reasons	42	49	91	8.62%
Total	393	663	1,056	100.00%



# Municipality of La Trinidad BARANGAY ALAPANG

There were also 39 individuals, with 26 males and 13 females, who were temporarily ill or disabled which represents 3.69% of the total number of members who were not looking for a job. Fourteen (14) people were waiting to be rehired, and 12 individuals were waiting for the results of previous job application, representing 1.33% and 1.14% respectively.

### **Overseas Employment**

There were 129 former members of the households in Alapang who were Overseas Filipino workers, where 77 were males and 52 were females.

Twenty (20) individuals were workers in Saudi Arabia representing 15.50% of the total number of OFWs. There were 16 or 12.40% Overseas Filipino Workers in United States of America. Canada hired 14 individuals representing 10.85%. Workers in Hong Kong were at 12, representing 9.30%. Other 11 individuals were in Japan representing 8.53% of the total.

Country of Work	#	%	Country of Work	#	%
Australia	2	1.55%	Morocco	1	0.78%
Bahrain	2	1.55%	New Zealand	1	0.78%
Central African Republic	1	0.78%	Qatar	4	3.10%
Canada	14	10.85%	Saudi Arabia	20	15.50%
China	4	3.10%	Singapore	6	4.65%
Greece	2	1.55%	Spain	1	0.78%
Hong Kong	12	9.30%	Taiwan	1	0.78%
Israel	3	2.33%	Trinidad and Tobago	1	0.78%
Italy	6	4.65%	Turks and Caicos Islands	2	1.55%
Japan	11	8.53%	United Arab Emirates	4	3.10%
Korea	4	3.10%	United Kingdom o	2	1.55%
Kuwait	1	0.78%	United States of America	16	12.40%
Macao	1	0.78%	Other Country	5	3.88%
Malaysia	2	1.55%	Total	129	100.00%

Source: CBMS 2010

### Kind of Work Abroad

As to kind of work abroad, 46 individuals were laborers or unskilled workers, with 30 males and 16 females, representing 35.66% of the total number of OFWs. There were 39 people, 22 males and 17 females, who were service, shops and market sales workers representing 30.23%. Another 34 workers with 21 males and 13 females were physical, mathematical and engineering science professionals representing 26.36%.

Kind of Work in Abroad	Male	Females	Total	%
Officials of Gov't & Special-Interest Organizations, Corporate				
Executives, Managers, Managing Proprietors and Supervisors	2	0	2	1.55%
Physical, Mathematical and Engineering Science				
Professionals	21	13	34	26.36%
Technician and Associate Professionals	0	4	4	3.10%
Clerks	0	1	1	0.78%



# Municipality of La Trinidad BARANGAY ALAPANG

Service Workers and Shop and Market Sales Workers	22	17	39	30.23%
Farmers, Forestry Workers and Fishermen	0	1	1	0.78%
Trades and Related Workers	0	0	0	0.00%
Plant and Machine Operators and Assemblers	0	0	0	0.00%
Laborers and Unskilled Workers	30	16	46	35.66%
Special Occupations	2	0	2	1.55%
Total	77	52	129	100.00%

Source: CBMS 2010

#### C. INFRASTRUCTURE & UTILITIES

### **Electricity**

There were 844 households has electrical connections with BENECO, accounted to 96% of the total population. Thirty three (33) households had no electrical connection, representing 3.76%. The average monthly electrical bill was at ₱881.00.

Number of Households with Electricity Connections: 844 (96% of total households)

Number of Households w/o Electrical Connections: 33 (4% of total households)

Average Monthly Electrical Bill : \$\frac{1}{2}881.00\$

Source of Electricity	#	%
Electric Company	844	96.13%
Generator	0	0.00%
Solar	0	0.00%
Battery	0	0.00%
Others	1	0.11%
None	33	3.76%
Total	878	100.00%

Source: CBMS 2010

### Access to Safe Drinking Water

Only 212 households or 24.15% of the total number households have access to safe drinking water (bottled water). There were 462 households or 52.62% whose water is connected to the community water system and 29 households have shared water system. Rivers, stream, lake and/or spring were the sources of drinking water for 132 households representing 15.03%. Forty two (42) households have water delivered through tanker trucks and /or peddlers. This represents 4.78% of the total number of households.

Source of Drinking Water	#	%
Community Water System-own	462	52.62%
Community Water System-shared	29	3.30%
Deep Well-own	1	0.11%
Deep Well-shared	0	0.00%



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Artesian Well-own	0	0.00%
Artesian Well-shared	0	0.00%
Dug/Shallow Well-own	0	0.00%
Dug/Shallow Well-shared	0	0.00%
River, Stream, Lake, Spring	132	15.03%
Bottled Water	212	24.15%
Tanker Truck/Peddler	42	4.78%
Others	0	0.00%
Tota	ıl 878	100.00%

Source: CBMS 2010

More than half of the total number of households, or 51.14%, had sources of drinking water within their premises. Households whose source of drinking water is outside their premises, and more than 250 meters, were at 117, representing 13.33%. There were also 58 households whose source of drinking water is outside premises but just around 250 meters or less.

Distance of Source of Drinking Water	#	%	
Within Premises	449	51.14%	
Outside Premises But 250 Meters/Less	58	6.61%	
251 Meters or More	117	13.33%	
Don't Know	0	0.00%	
Not Stated	254	28.93%	
Total	<i>878</i>	100.00%	

Source: CBMS 2010

### **Domestic Water System**

The Barangay Alapang Multi-Purpose Cooperative (BALMUCO) runs a domestic water system which serves majority of the households in the barangay. About 491 households are serviced by the system covering Camp Dangwa, Dapiting, Alapang Proper, Ettong and Samoyao-Alapang.

As per record of La Trinidad Water District, about 186 households were serviced by their domestic water system.

### Roads

Name of Road	Length	Road	Area of	Daniel I.
	(km)	ROW (m)	Jurisdiction	Remarks
Alno-Tuel-Balway Road	8.550	4.000	Provincial	Concrete/Gravel/Dirt
Alapang Prop-Samoyao Road			Barangay	Concrete
Samoyao-Bagto Road	0.854	2.440	Barangay	Concrete
Samoyao-Peril-Ongasan Road	1.441	2.970	Barangay	Concrete

Source: CLUP 2000-10 & 2013-2023



### **VI. GOVERNANCE**

#### Vision

A community that is God-loving, environmentally-clean, through proper solid waste management, where healthy, mentally-fit, and educated residents enjoy a well-balanced ecology, through accelerated progress in livelihood and employment, resulting to ultimate dynamic progress.

#### Mission

To empower the constituents to reach out to concerned support agencies in the implementation of sustainable economic development towards the improvement of basic services rendered to the public.

#### Goals

A community with an accelerated progress on agriculture, livestock, and other gainful employment of the residents geared towards self- sustaining and supportive barangay residents.

### **CBMS Indicators of Poverty**

The informal settler is the most felt problem in Alapang where majority of the informal settlers are located at Camp Dangwa. Some 153 informal settlers were in Camp Dangwa, 2 in Alapang Proper, 2 in Dapiting and only one in Ettong.

Another most felt problem among the residents is unemployment wherein a total of 90 individuals are not employed, of whom 53 in Camp Dangwa, 16 in Dapiting, 9 in Alapang Proper, 1 in Ettong and 11 in Samoyao Alapang.

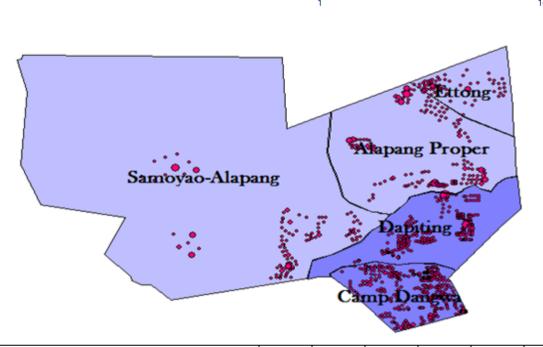
A total of 71 households were also affected by low income where 11 households were affected in Camp Dangwa, 16 households in Dapiting, 24 in Alapang Proper, 9 households in Ettong and 11 households in Samoyao-Alapang.



### Municipality of La Trinidad BARANGAY ALAPANG

### **UNMET NEEDS**

HHs w/ number of Unmet Needs



POVERTY INDICATORS/SITIO	Сатр Дапдwа	Dapiting	Alapang Proper	Ettong	Samoyao Alapang	Total
A. EDUCATION						
Children Not Attending E/S	2	4	9	1	3	19
Children Not Attending H/S	3	7	8	1	2	21
B. HEALTH & NUTRITION						
Children (0-5 y/o) who died	0	0	0	0	0	0
Women Who Died	0	0	0	0	0	0
Malnourished Children	2	0	4	3	3	12
C. HOUSING						
HH Who are Squatters	153	2	2	1	0	158
HH in Makeshift Housing	1	1	5	1	2	10
D. INCOME & LIVELIHOOD						
HH w/ incomes Below Poverty Threshold	11	16	24	9	11	71
HH w/ Incomes Below Food Threshold	2	10	11	4	6	33
HH who Experience Hunger	0	0	0	0	0	0
Unemployed	53	16	9	1	11	90
E. WATER & SANITATION						
HH w/o Access to Safe Water	0	0	10	5	4	19
HH w/ No Sanitary Toilet	0	0	1	0	2	3

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

/Sally