

Table 2-2L-19 : Detailed Socio-economic Condition (Lamon Bay Area)

CODE	GENERAL		MAJOR INCOME SOURCE			EXPENSES	OTHER ECONOMY			LIVING CONDITION			FISHPOND								
	Area Code	Municipality Code	Barangay Code	Site/Purok/Zone Code	Average Monthly Income (in Pesos)		Major Source of Income - Fishery Sector (%)	Major Source of Income - Dominant Products	Major Source of Income - Agricultural Sector (%)	Major Source of Income - Dominant Products	Major Source of Income - Other Sources (%)	Average Monthly Expenses (in Pesos)	Self-consumption of Products (%)	Availability of Loan/Credits (%)	Being member of Cooperatives/Organization (%)	Having own Houses (%)	Availability of Electricity from Local Electric Service Coop. (%)	Availability of Potable Water (%)	Using Fuelwood as Major Fuel (%)	Fishpond Lessee (%)	Fishpond Owner (%)
L	Total				5,560.58	33.8	Fish	26.8	Copra	39.4	4,493.86	46.74	6.1	18.0	97.5	6.0	93.5	40.0	8.5	1.0	67.0
L	CLG	KLK	Total		5,107.14	0.0	n.a.	62.5	Rice	37.5	2,732.01	56.67	0.0	33.3	100.0	0.0	100.0	100.0	0.0	0.0	85.7
			KLK-1		6,216.67	0.0	n.a.	37.5	Rice	62.5	2,643.67	100	0.0	0.0	100.0	0.0	100.0	66.7	0.0	0.0	100.0
			KLK-2		6,850.00	0.0	n.a.	80.0	Rice	20.0	3,649.75	70	0.0	50.0	100.0	0.0	100.0	100.0	0.0	0.0	100.0
			KLK-3		1,700.00	0.0	n.a.	100.0	Copra	0.0	1,946.80	0	0.0	50.0	100.0	0.0	100.0	150.0	0.0	0.0	50.0
L	CLG	ATY	Total		719.63	37.5	Fish	43.8	Rice	18.8	1,363.02	52.5	25.0	40.0	100.0	0.0	90.0	0.0	0.0	0.0	50.0
			ATY-1		3,700.00	22.2	Fish	66.7	Copra	11.1	2,726.04	25	0.0	40.0	100.0	0.0	100.0	100.0	0.0	0.0	40.0
			ATY-2		4,935.60	57.1	Fish	14.3	Rice	28.6	3,340.00	80	50.0	40.0	100.0	0.0	80.0	40.0	0.0	0.0	60.0
L	CLG	LGY	Total		3,858.89	25.0		41.7	Copra	33.3	2,910.57	29.29	5.6	16.7	94.4	0.0	100.0	55.6	0.0	0.0	77.8
			LGY-1		2,966.67	66.7	Fish	0.0	n	33.3	2,955.00	105	0.0	33.3	100.0	0.0	100.0	100.0	0.0	0.0	66.7
			LGY-2		8,400.00	28.6	Fish	14.3	Copra	57.1	3,726.50	25	0.0	0.0	100.0	0.0	100.0	33.3	0.0	0.0	100.0
			LGY-3		3,666.67	25.0	Fish	25.0	Copra	50.0	4,151.41	25	0.0	33.3	100.0	0.0	100.0	33.3	0.0	0.0	66.7
			LGY-4		3,233.33	33.3	Fish	33.3	Copra	33.3	2,147.00	20	0.0	0.0	66.7	0.0	100.0	33.3	0.0	0.0	100.0
			LGY-5		2,833.33	0.0	n.a.	100.0	Copra	0.0	2,098.83	30	0.0	0.0	100.0	0.0	100.0	66.7	0.0	0.0	33.3
			LGY-6		2,053.33	0.0	n.a.	100.0	Copra	0.0	2,484.67	0	33.3	33.3	100.0	0.0	100.0	66.7	0.0	0.0	100.0
L	CLG	SCL	Total		5,233.33	30.0	Fish	60.0	Copra	10.0	3,258.85	13.5	0.0	16.7	100.0	0.0	100.0	83.3	33.3	0.0	66.7
			SCL-1		5,233.33	30.0	Fish	60.0	Copra	10.0	3,258.85	13.5	0.0	16.7	100.0	0.0	100.0	83.3	33.3	0.0	66.7
L	CLG	VMN	Total		3,422.22	66.7	Fish	13.3	Copra	20.0	2,910.10	30.00	0.0	12.5	100.0	0.0	100.0	77.8	0.0	0.0	55.6
			VMN-1		4,250.00	75.0	Fish	0.0	Copra	25.0	4,074.40	35	0.0	50.0	100.0	0.0	100.0	50.0	0.0	0.0	100.0
			VMN-3		3,000.00	75.0	Fish	25.0	Copra	0.0	2,479.03	35	0.0	0.0	100.0	0.0	100.0	66.7	0.0	0.0	66.7
			VMN-3		3,250.00	50.0	Fish	50.0	Copra	0.0	3,424.00	10	0.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	50.0
			VMN-4		3,400.00	60.0	Fish	0.0	Copra	40.0	1,878.50	40	0.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0

L	CLG	SAL	Total	5.3	Tagalog	6,087.50	62.5	Fish	0.0	n.a.	37.5	4,230.62	26.3	0.0	3.1	95.8	45.8	87.5	25.0	0.0	0.0	62.5
		SAL-1	10,412.50	5.5	Tagalog	10,412.50	50.0	Fish	0.0	n.a.	50.0	5,739.13	18.5	0.0	0.0	100.0	12.5	87.5	25.0	0.0	0.0	62.5
		SAL-2	3,925.00	5.1	Tagalog	3,925.00	72.7	Fish	0.0	n.a.	27.3	3,476.37	34.0	0.0	6.3	93.8	62.5	87.5	25.0	0.0	0.0	62.5
L	CLG	BLI	Total	6.7	Tagalog	3,740.00	21.4	Fish	50.0	Copra	28.6	3,157.73	48.0	0.0	0.0	100.0	0.0	100.0	30.0	0.0	0.0	50.0
		BLI-1	1,000.00	8.0	Tagalog	1,000.00	0.0	n.a.	100.0	Copra	0.0	3,144.83	50	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	50.0
		BLI-2	5,950.00	7.0	Tagalog	5,950.00	40.0	Fish	40.0	Copra	20.0	5,438.94	50	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	50.0
		BLI-3	4,750.00	5.5	Tagalog	4,750.00	0.0	n.a.	66.7	Copra	33.3	2,550.75	10	0.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	50.0
		BLI-4	3,500.00	8.5	Tagalog	3,500.00	0.0	n.a.	0.0	n.a.	100.0	2,342.50	30	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0
		BLI-5	3,500.00	4.5	Tagalog	3,500.00	50.0	Fish	50.0	Copra	0.0	2,311.75	100	0.0	0.0	100.0	0.0	100.0	50.0	0.0	0.0	100.0
L	CLG	VSI	Total	5.8	Tagalog	4,678.57	58.3	Fish	12.5	Copra	29.2	3,958.94	45.0	7.1	14.3	100.0	7.1	100.0	35.7	7.1	0.0	71.4
		VSI-1	5,000.00	9.0	Tagalog	5,000.00	100.0	Fish	0.0	n.a.	0.0	4,909.30	50	50.0	50.0	100.0	0.0	100.0	50.0	0.0	0.0	100.0
		VSI-2	4,500.00	6.5	Tagalog	4,500.00	100.0	Fish	0.0	n.a.	0.0	5,625.00	100	0.0	0.0	100.0	50.0	100.0	0.0	0.0	0.0	100.0
		VSI-3	4,000.00	3.0	Tagalog	4,000.00	66.7	Fish	0.0	n.a.	33.3	4,040.71	60	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	100.0
		VSI-4	7,500.00	7.5	Tagalog	7,500.00	60.0	Fish	0.0	n.a.	40.0	4,802.34	55	0.0	50.0	100.0	0.0	100.0	50.0	0.0	0.0	50.0
		VSI-5	3,750.00	5.5	Tagalog	3,750.00	50.0	Fish	50.0	Copra	0.0	3,295.75	25	0.0	0.0	100.0	0.0	100.0	100.0	50.0	0.0	100.0
		VSI-6	4,500.00	7.0	Tagalog	4,500.00	20.0	Fish	0.0	n.a.	80.0	2,788.08	25	0.0	0.0	100.0	0.0	100.0	50.0	0.0	0.0	50.0
		VSI-7	3,500.00	2.0	Tagalog	3,500.00	0.0	n.a.	100.0	Copra	0.0	2,251.39	0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0
L	CLG	KTB	Total	6.8	Tagalog	7,029.00	52.9	Fish	26.5	Copra	20.6	4,056.89	34.00	0.0	0.0	94.4	0.0	100.0	33.3	16.7	0.0	77.8
		KTB-1	5,957.63	6.9	Tagalog	5,957.63	48.4	Fish	29.0	Copra	22.6	3,786.91	33	0.0	0.0	93.8	0.0	100.0	37.5	18.8	0.0	81.3
		KTB-2	15,600.00	5.5	Tagalog	15,600.00	100.0	Fish	0.0	n.a.	0.0	6,216.75	35	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	50.0
L	CLG	PRL	Total	5.0	Tagalog	3,592.11	45.8	Shrimp	33.3	Rice	20.8	3,409.01	57.5	12.5	10.4	100.0	0.0	89.6	44.4	27.8	0.0	77.8
		PRL-1	3,895.83	6.0	Tagalog	3,895.83	100.0	Shrimp	0.0	n.a.	0.0	3,745.95	95	0.0	0.0	100.0	0.0	100.0	83.3	66.7	0.0	83.3
		PRL-2	3,858.25	5.3	Tagalog	3,858.25	40.0	Shrimp	40.0	Rice	20.0	3,905.30	90	50.0	25.0	100.0	0.0	75.0	50.0	25.0	0.0	100.0
		PRL-3	5,625.00	5.0	Tagalog	5,625.00	0.0	n.a.	50.0	Vegetables	50.0	2,708.75	15	0.0	0.0	100.0	0.0	100.0	50.0	0.0	0.0	100.0
		PRL-4	2,433.33	3.3	Tagalog	2,433.33	14.3	Fish	57.1	Copra	28.6	2,974.62	30	0.0	16.7	100.0	0.0	83.3	0.0	0.0	0.0	50.0
L	LPZ	CTY	Total	5.0	Tagalog	5,119.80	17.0	Fish	14.9	Copra	68.1	5,680.53	62.86	10.7	28.6	100.0	0.0	96.4	37.0	7.4	7.4	40.7
		CTY-1	4,995.83	6.3	Tagalog	4,995.83	0.0	n.a.	16.7	Vegetables	83.3	6,469.64	100	0.0	50.0	100.0	0.0	100.0	50.0	0.0	0.0	0.0
		CTY-2	6,728.83	5.3	Tagalog	6,728.83	10.0	Fish	10.0	Copra	80.0	7,366.76	10	50.0	50.0	100.0	0.0	100.0	25.0	0.0	0.0	50.0
		CTY-3	3,066.67	6.3	Tagalog	3,066.67	33.3	Fish	33.3	Copra	33.3	4,592.54	20	0.0	0.0	100.0	0.0	100.0	66.7	0.0	0.0	66.7
		CTY-4	4,280.00	4.3	Tagalog	4,280.00	14.3	Fish	0.0	n.a.	85.7	7,144.35	30	25.0	25.0	100.0	0.0	100.0	25.0	0.0	0.0	75.0
		CTY-5	5,000.00	3.8	Tagalog	5,000.00	0.0	n.a.	20.0	n.a.	80.0	4,778.78	10	0.0	0.0	100.0	0.0	100.0	25.0	25.0	25.0	25.0
		CTY-6	7,234.00	5.0	Tagalog	7,234.00	0.0	n.a.	22.2	Copra	77.8	5,001.89	23	0.0	50.0	100.0	0.0	75.0	25.0	0.0	0.0	50.0
		CTY-7	4,020.00	4.8	Tagalog	4,020.00	100.0	Crabs	0.0	Copra	0.0	4,137.78	40	0.0	25.0	100.0	0.0	100.0	50.0	25.0	25.0	50.0
L	LPZ	PSL	Total	5.2	Tagalog	10,441.27	9.3	Fish	25.6	Copra	65.1	8,282.83	32.14	25.0	39.3	92.6	0.0	95.2	7.4	3.7	0.0	51.9
		PSL-1	5,972.20	6.0	Tagalog	5,972.20	14.3	Fish	42.9	Vegetables	42.9	5,851.93	55	33.3	16.7	100.0	0.0	100.0	16.7	0.0	0.0	16.7
		PSL-2	8,100.00	4.5	Tagalog	8,100.00	0.0	n.a.	0.0	n.a.	100.0	16,798.75	0	0.0	0.0	50.0	0.0	100.0	0.0	0.0	0.0	0.0
		PSL-3	10,050.00	4.5	Tagalog	10,050.00	0.0	n.a.	50.0	Copra	50.0	4,778.00	10	0.0	50.0	100.0	0.0	100.0	0.0	0.0	0.0	100.0
		PSL-4	9,286.67	4.0	Tagalog	9,286.67	16.7	Fish	0.0	n.a.	83.3	6,915.17	30	66.7	33.3	100.0	0.0	100.0	0.0	0.0	0.0	66.7
		PSL-5	8,519.25	5.0	Tagalog	8,519.25	0.0	n.a.	42.9	Rice	57.1	14,542.17	30	25.0	50.0	100.0	0.0	100.0	25.0	0.0	0.0	100.0
		PSL-6	26,187.50	7.5	Tagalog	26,187.50	25.0	Crabs	0.0	n.a.	75.0	9,557.59	25	0.0	75.0	100.0	0.0	100.0	0.0	25.0	0.0	25.0
		PSL-7	7,182.34	4.0	Tagalog	7,182.34	0.0	n.a.	36.4	Copra	63.6	4,704.49	75	50.0	50.0	83.3	0.0	66.7	0.0	0.0	0.0	66.7
L	GYG	BKM	Total	4.3	Tagalog	2,862.33	16.7	Shrimp	33.3	Rice	50.0	3,035.25	60.00	0.0	25.0	100.0	0.0	75.0	0.0	25.0	0.0	100.0
		BKM-1	2,862.33	4.3	Tagalog	2,862.33	16.7	Shrimp	33.3	Rice	50.0	3,035.25	60	0.0	25.0	100.0	0.0	75.0	50.0	25.0	0.0	100.0
L	GYG	BLR	Total	5.1	Tagalog	4,541.04	8.3	Shrimp	41.7	Copra	50.0	4,585.50	50.00	0.0	12.5	75.0	0.0	75.0	50.0	25.0	0.0	87.5
		BLR-1	4,541.04	5.1	Tagalog	4,541.04	8.3	Shrimp	41.7	Copra	50.0	4,585.50	50	0.0	12.5	75.0	0.0	75.0	50.0	25.0	0.0	87.5

The Interview Survey shows that 18.0% of households in this Area belongs to any people's organizations within their Barangay, this percentage is the lowest among three Study Areas, and this low percentage of organization may be the reason that only 6.1% of household replied they are being avail of loan/credits from any organization, the percentage remarkably low among 3 Study Areas.

The socio-economic features of these 14 Barangay are summarized in Table-2-2L-18 as well as the summary result of interview survey in Table 2-2L-19 .

(4) Condition on Mangrove Use and Other Environmental Issues

1) Implementation of Legal Systems on the Mangrove Use

Under the Coastal Environment Program (CEP), Mangrove Reforestation Projects have been implemented in this area by contracting with local/outside NGO to plant Mangrove trees. Among eight (8) contracts, five (5) were completed (3 Projects by ADB finance) and the planted areas have been transferred to DENR for the protection and maintenance (70 to 100ha each). Three (3) contracts were canceled due to the legal disputes between DENR and NGO. Likewise, CENRO-Calauag are implementing CBFM as well as ISF, which are targeted in mountain area (upperland) for Gemelina, Narra and fruits tree, but Mangrove trees are not included under these programs. Many fishponds exist in the area which has been converted from Mangrove forest. The percentage of fishponds area occupying in total land area is relatively high compared with other two Study Areas. For example, total hectares of fishponds in the Municipality of Calauag is 2,690ha which is 6.35% of the total area of the Municipality. Among there fishponds, there are forty (40) fishponds covered with Fishpond Lease Agreements (FLA) within the jurisdiction of CENRO-Calauag (average 28.72ha). Many of these fishponds are not in use mainly due to the damage of Typhoon "Rosin" which brought huge damage to this area in November 1995, and also due to the shortage of fund for management. To determine that these fishponds are just inactive or abandoned, it is necessary to survey on the use condition of fishpond, legal status, ownership, status of mortgage by bank, and absentee owners who are presently outside the Area or abroad.

2) Actual Condition on the Mangrove Use

Hereunder is the result of aforementioned Interview Survey (interviewing 200 sampled households) regarding the use condition and intention toward conservation of Mangrove. (Detailed result is shown on Table-2-2L-20 in this Section, and Figure-2-2-8 to 2-1-14 in the previous Section.)

a. Entering Mangrove Area

32.5% of household heads replied that they have entered Mangrove area within one year. This percentage is relatively low as compared to other 2 Study Areas (75.5% in Aparri Area, 49.4% in Ulugan Bay Area). The purposes for entering is as follows:

To collect shellfish/crab	37.0%
To catch fish	18.0%
To collect woods	9.0%
To maintain fish nursery	5.5%
To collect other plants	3.0%

b. Use Condition of Mangrove

The percentage of people who replied that they are presently using Mangrove trees, and having used mangrove trees within 3 years past is 12.0% and 8.0%, respectively. This percentage on present use, 12.0% is the lowest among three Study Areas (68.0% in Aparri Area, 14.7% in Ulugan Bay Area). Likewise, 6.0% of people replied that they have been using Mangrove for more than three years past.

The percentage on Mangrove use by Barangay is as follows:

<u>Name of Brgy.</u>	<u>Present Use</u>	<u>Use w/in 3 yrs. Past</u>	<u>Use 3 more yrs.</u>
Kumaldkod	0.0%	0.0%	0.0%
Atulayan	0.0%	0.0%	10.0%
Lagay	0.0%	5.6%	0.2%
Sta.Cecilia	0.0%	16.7%	0.0%
Villa Magsino	44.4%	33.3%	33.3%

Sto.Angel	0.0%	8.3%	0.0%
Buli	20.0%	10.0%	0.0%
Villa San Isidro	21.4%	7.1%	0.0%
Kagtalaba	27.8%	27.8%	16.7%
Plaridel	16.7%	0.0%	11.1%
Calantipayan	7.4%	0.0%	11.1%
Pansol	7.4%	3.7%	0.0%
Bukal Maligaya	25.0%	0.0%	0.0%
Balinarin	25.0%	12.5%	12.5%

As for the purpose of use, use as the material of house repair is dominant (among people replied on the use of house repair, 16.0% of people answered that they are using Mangrove for this purpose), as well as firewood (among people replied on the use of firewood, 11.3% of people answered that they are using Mangrove for this purpose), followed by the use as fence. As for the method to obtain Mangrove trees, 7.5% of people is entering the Mangrove area to cut, 19.0% of people is collecting fallen tree, and 1.0% of people are buying Mangrove trees.

c. Knowledge of Use of Mangrove

As for the knowledge on what way mangrove can be utilized (regardless whether they are actually using Mangrove in that way or not), the result is as follows:

Fuel	89.5%
House repair	83.0%
Make Tool	59.0%
Dyeing	52.0%
Furniture	43.5%
Net	21.5%
Make boat	18.5%
Paper	15.5%
Food	15.5%
Liquor	10.5%
Spice	7.0%
Tea	6.0%
Hair Oil	5.0%
Cloth	3.5%

d. Future Intention to Use Mangrove

10.8% of households in this Area replied that they have intention to use Mangrove tree in the future. This percentage is intermediate among three Study Areas (3.2% in Aparri Area, 30.0% in Ulugan Bay Area).

For reference, percentage of people having intention to have their own fishponds was 67.5% which is the largest in three Study Areas (49.5% in Aparri Area, 31.5% in Ulugan Bay Area).

Result by Barangays is as follows:

<u>Name of Brgy.</u>	<u>Intention to use Mangrove</u>	<u>Intention to have Fishpond</u>
Kumaludkod	0.0%	85.7%
Atulayan	30.0%	50.0%
Lagay	15.0%	77.8%
Sta.Cecilia	30.0%	66.7%
Villa Magsino	12.5%	55.6%
Sto.Angel	5.0%	62.5%
Buli	0.0%	50.0%
Villa San Isidro	14.3%	71.4%
Kagtalaba	10.0%	77.8%
Plaridel	0.0%	77.8%
Calantipayan	4.3%	40.7%
Pansol	0.0%	51.9%
Bukal Maligaya	0.0%	100.0%
Balinarin	30.0%	87.5%

e. Knowledge of Legal System on Mangrove Conservation

61.5% of people in this Area replied that they have negative sense in cutting Mangrove trees. Among them, 47.9% of people replied that laws/regulations is the reason of their negative sense. 26% of people replied that they remember their opportunities to discuss with the Government official regarding conservation of Mangrove. Among the people who are using Mangrove tree

presently, 78% of people are those who do not remember such opportunity of discussion.

f. Conservation Sense of Mangrove Forest

For any kind of environmental protection movement (governmental or non-governmental), not limited on Mangrove protection in the area, 72.0% of people are aware of such movement (34.0% in Aparri Area, 92.0% in Ulugan Bay Area). It is noted that 100% of people replied that they find importance in protecting Mangrove (98.5% in Aparri Area, 96.0% in Ulugan Bay Area), however, 88.0% of people replied their intention to participate on protection of Mangrove actively, and this percentage is the lowest in three Study Areas (97.0% in Aparri Area, 93.6% in Ulugan Bay Area). It is noticeable that all of the people using Mangrove and entering to cut Mangrove presently answered that the protection of Mangrove is important. Furthermore, 11.5% of people answered that they grant Mangrove cutting as the way to improve their economic condition, and this percentage is the lowest in three Study Areas (35.5% in Aparri Area, 26.4% in Ulugan Bay Area). Among this 11.5% of people, 88.0% showed their intention to participate in Mangrove protection activities.

g. Benefit of Mangrove as Disaster Prevention Method

31.0% of the people in this area replied that they are benefited by Mangrove as the method of protecting their house and possession from high tide. This percentage is the lowest among three Study Areas (44.5% in Aparri Area, 53.0% in Ulugan Bay Area). Likewise, 31.5% of the people in this area replied that they are benefited by Mangrove as the method of protecting their house and possession from strong wind by Typhoon.

Furthermore, among 11.5% of people who grant Mangrove cutting mentioned above, 85.5% of people replied that they are not benefited from Mangrove as natural disaster prevention method.

Table 2-2L-20 : Condition on the Use and Intention toward Mangrove Forest (Lan

Area Code	Municipality Code	Barangay Code	Site/Purok/Zone Code	ENTER/COLLECT				PRESENT USE AND METHOD				PAST / FUTURE			BENEFIT			SENSE		
				Entering Mangrove Area in the Past Year (%)	Collecting Mangrove Trees as the Reason to Enter (%)	Having Negative Reaction to Collection of Mangrove Trees (%)	Utilization of Mangrove Trees (%)	By Cutting and Gathering (%)	By Collecting fallen trees and driftwoods (%)	By Buying (%)	Purpose of Use	Having used Mangrove Trees within Past Three (3) Years (%)	Having used mangrove Trees for more than Three (3) Years (%)	Having Intention Future Use (%)	Fish Nursery (%)	Windbreak (%)	Wave Dispersant (%)	Finding Importance in maintaining Mangrove Forest (%)	Willingness to protect Mangrove Forest actively (%)	Allow Mangrove cutting as source of Livelihood (%)
L Total				32.5	9.0	69.8	12.0	7.5	19.0	1.0	Firewood	8.0	6.5	10.8	23.5	31.5	31.0	100.0	88.0	11.5
L CLG KLK Total				0.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	42.9	57.1	57.1	100.0	100.0	28.6
			KLK-1	0.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	33.3	66.7	66.7	100.0	100.0	0.0
			KLK-2	0.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	50.0
			KLK-3	0.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	50.0
L CLG ATY Total				0.0	0.0	100.0	0.0	0.0	20.0	10.0	Housing	0.0	10.0	30.0	40.0	60.0	60.0	100.0	70.0	10.0
			ATY-1	0.0	0.0	100.0	0.0	0.0	20.0	0.0	Fence	0.0	0.0	20.0	0.0	20.0	20.0	100.0	40.0	0.0
			ATY-2	0.0	0.0	100.0	0.0	0.0	20.0	20.0	Housing	0.0	20.0	40.0	80.0	100.0	100.0	100.0	100.0	20.0
L CLG LGY Total				0.0	0.0	71.7	0.0	5.6	11.1	0.0	Firewood	5.6	0.0	15.0	55.6	50.0	50.0	100.0	83.3	11.1
			LGY-1	0.0	0.0	30.0	0.0	0.0	33.3	0.0	Firewood	33.3	0.0	30.0	100.0	100.0	100.0	100.0	100.0	33.3
			LGY-2	0.0	0.0	70.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	33.3	33.3	33.3	100.0	66.7	0.0
			LGY-3	0.0	0.0	30.0	0.0	0.0	33.3	0.0	Firewood	0.0	0.0	30.0	33.3	33.3	33.3	100.0	100.0	0.0
			LGY-4	0.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	33.3	0.0	0.0	100.0	100.0	33.3
			LGY-5	0.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	100.0	100.0	100.0	100.0	33.3	0.0
			LGY-6	0.0	0.0	100.0	0.0	33.3	0.0	0.0	n.a.	0.0	0.0	30.0	33.3	33.3	33.3	100.0	100.0	0.0
L CLG SCL Total				50.0	0.0	50.0	0.0	0.0	33.3	0.0	Fence	16.7	0.0	30.0	33.3	50.0	50.0	100.0	100.0	0.0
			SCL-1	50.0	0.0	50.0	0.0	0.0	33.3	0.0	Fence	16.7	0.0	30.0	33.3	50.0	50.0	100.0	100.0	0.0
L CLG VMN Total				88.9	22.2	67.5	44.4	22.2	33.3	0.0	Housing	33.3	33.3	12.5	22.2	22.2	22.2	100.0	100.0	0.0
			VMN-1	100.0	0.0	100.0	50.0	50.0	50.0	0.0	Firewood	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	0.0
			VMN-3	66.7	0.0	70.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0
			VMN-3	100.0	0.0	100.0	50.0	0.0	50.0	0.0	Firewood	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0
			VMN-4	100.0	100.0	0.0	100.0	50.0	50.0	0.0	Housing	100.0	100.0	0.0	50.0	50.0	50.0	100.0	100.0	0.0

L		CLG	SAL	Total	62.5	4.2	55.0	0.0	0.0	16.7	0.0	Fence	8.3	0.0	5.0	12.5	37.5	37.5	95.8	95.8	12.5	
			SAL-1	25.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	62.5	62.5	100.0	100.0	12.5	
			SAL-2	81.3	6.3	80.0	0.0	0.0	25.0	0.0	Fence	12.5	0.0	10.0	18.8	25.0	25.0	93.8	93.8	12.5	12.5	
		L	CLG	BLI	Total	70.0	20.0	50.0	20.0	10.0	20.0	0.0	Firewood	10.0	0.0	0.0	20.0	30.0	100.0	100.0	10.0	
				BLI-1	50.0	50.0	100.0	50.0	0.0	50.0	0.0	Dyeing	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	50.0	
				BLI-2	100.0	0.0	50.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	
				BLI-3	50.0	0.0	50.0	0.0	0.0	50.0	0.0	n.a.	50.0	0.0	0.0	50.0	50.0	50.0	100.0	100.0	0.0	
				BLI-4	50.0	0.0	100.0	50.0	0.0	50.0	0.0	Firewood	0.0	0.0	0.0	0.0	50.0	50.0	100.0	100.0	0.0	
				BLI-5	100.0	0.0	0.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	50.0	50.0	50.0	100.0	100.0	0.0	
		L	CLG	VSI	Total	0.0	14.3	78.6	21.4	7.1	42.9	0.0	Firewood	7.1	0.0	14.3	21.4	35.7	35.7	100.0	100.0	0.0
				VSI-1	0.0	0.0	100.0	0.0	50.0	50.0	0.0	Housing	0.0	0.0	50.0	0.0	0.0	0.0	100.0	100.0	0.0	
				VSI-2	0.0	0.0	100.0	50.0	0.0	50.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	
				VSI-3	0.0	0.0	100.0	50.0	0.0	50.0	0.0	n.a.	0.0	0.0	0.0	0.0	50.0	50.0	100.0	100.0	0.0	
				VSI-4	0.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	50.0	50.0	50.0	100.0	100.0	0.0	
				VSI-5	0.0	0.0	50.0	0.0	0.0	50.0	0.0	n.a.	0.0	0.0	50.0	100.0	100.0	100.0	100.0	100.0	0.0	
				VSI-6	0.0	100.0	0.0	50.0	0.0	100.0	0.0	Firewood	50.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	
				VSI-7	0.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	50.0	50.0	50.0	100.0	100.0	0.0	
		L	CLG	KTB	Total	0.0	22.2	80.0	27.8	16.7	5.6	27.8	5.6	Housing	27.8	16.7	10.0	22.2	27.8	100.0	94.4	27.8
				KTB-1	0.0	25.0	60.0	31.3	31.3	18.8	6.3	Housing	31.3	18.8	20.0	25.0	31.3	31.3	100.0	100.0	18.8	
				KTB-2	0.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	100.0	0.0
		L	CLG	PRL	Total	5.6	16.7	70.8	16.7	5.6	27.8	0.0	Firewood	0.0	11.1	0.0	16.7	16.7	100.0	83.3	22.2	
				PRL-1	0.0	50.0	83.0	50.0	16.7	66.7	0.0	Fence	0.0	16.7	0.0	33.3	33.3	33.3	100.0	100.0	33.3	
				PRL-2	0.0	0.0	100.0	0.0	0.0	25.0	0.0	Firewood	0.0	25.0	0.0	25.0	25.0	25.0	100.0	100.0	25.0	
				PRL-3	0.0	0.0	50.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	50.0	0.0	
				PRL-4	16.7	0.0	50.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	66.7	16.7	
		L	LPZ	CTY	Total	48.1	7.4	41.4	7.4	7.4	11.1	0.0	Firewood	0.0	11.1	4.3	11.1	18.5	14.8	96.3	74.1	0.0
				CTY-1	50.0	0.0	0.0	0.0	0.0	25.0	0.0	n.a.	0.0	25.0	30.0	0.0	25.0	0.0	100.0	75.0	0.0	
				CTY-2	100.0	0.0	50.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	50.0	0.0	
				CTY-3	33.3	0.0	30.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	66.7	0.0	
				CTY-4	25.0	25.0	30.0	25.0	0.0	25.0	0.0	Firewood	0.0	0.0	0.0	0.0	0.0	0.0	100.0	75.0	0.0	
				CTY-5	25.0	0.0	50.0	25.0	0.0	25.0	0.0	Firewood	0.0	0.0	0.0	25.0	25.0	25.0	100.0	75.0	0.0	
				CTY-6	75.0	25.0	30.0	0.0	50.0	0.0	n.a.	0.0	50.0	0.0	0.0	0.0	0.0	0.0	100.0	75.0	0.0	
				CTY-7	25.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	50.0	50.0	75.0	75.0	100.0	0.0	
		L	LPZ	PSL	Total	40.7	3.7	52.9	7.4	0.0	7.4	0.0	Fence	3.7	0.0	0.0	7.4	7.4	92.6	59.3	7.4	
				PSL-1	33.3	0.0	20.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	16.7	0.0	
				PSL-2	50.0	0.0	50.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	50.0	50.0	50.0	100.0	100.0	0.0	
				PSL-3	50.0	0.0	50.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	
				PSL-4	0.0	0.0	70.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	33.3	
				PSL-5	50.0	0.0	100.0	0.0	0.0	0.0	0.0	n.a.	0.0	0.0	0.0	0.0	0.0	0.0	75.0	25.0	0.0	
				PSL-6	50.0	25.0	50.0	50.0	0.0	50.0	0.0	Fence	0.0	0.0	0.0	25.0	25.0	25.0	75.0	50.0	0.0	
				PSL-7	50.0	0.0	30.0	0.0	0.0	0.0	0.0	n.a.	16.7	0.0	0.0	0.0	0.0	0.0	100.0	83.3	16.7	
		L	GYG	BKM	Total	75.0	0.0	80.0	25.0	25.0	25.0	0.0	Fence	0.0	0.0	0.0	25.0	25.0	100.0	100.0	0.0	
				BKM-1	75.0	0.0	80.0	25.0	25.0	25.0	0.0	Fence	0.0	0.0	0.0	25.0	25.0	25.0	100.0	100.0	0.0	
		L	GYG	BLR	Total	50.0	12.5	80.0	25.0	12.5	37.5	0.0	Fence	12.5	12.5	30.0	25.0	25.0	100.0	75.0	12.5	
				BLR-1	50.0	12.5	80.0	25.0	12.5	37.5	0.0	Fence	12.5	12.5	30.0	25.0	25.0	25.0	100.0	75.0	12.5	

Abbreviation (Code) :

- 1. Municipality Code
- CLG: Calatagan
- LPZ: Lopez
- GYG: Guinayangan
- CLK: Kumaludkod
- ATY: Atulayan
- LYG: Lagay
- SCL: Sta. Cecilia
- VMN: Villa Magistro
- 2. Barangay Code
- SAL: Sto. Angel
- BLI: Buli
- VSI: Villa San Isidro
- KTB: Katalaba
- PRL: Pandal
- CTY: Calantipayan
- PSL: Pansol
- BKM: Bukalmiligaya
- BLR: Balinarin