

TABLES

Table 2-3-1 Sample Size of Households and Household Members

Sub-district Village	Household a/ (No.)	Distribution	Calculated Nos. Sample HH	Sample Size Household (No.)	Calculated Nos. Sample HH Members	Sample Size HH Member (prns)
Namon Area						
1 Vangmiang	95	0.036	21.0	21	31.5	32
2 Namon-Tai	140	0.053	31.0	31	46.5	47
3 Namon-Nua	107	0.041	23.7	24	35.5	36
4 Phonsavang	97	0.037	21.5	22	32.2	33
5 Phonkeo	124	0.047	27.5	28	41.2	41
6 Ngiou	47	0.018	10.4	11	15.6	16
7 Nalao	74	0.028	16.4	17	24.6	25
8 Nakhom	30	0.011	6.6	7	10.0	10
9 Phongnang	23	0.009	5.1	6	7.6	8
10 Nangeun-Nua	42	0.016	9.3	10	13.9	14
11 Nangeun-Tai	62	0.024	13.7	14	20.6	21
12 Vanghua	105	0.040	23.2	23	34.9	35
13 Houaysan	37	0.014	8.2	8	12.3	12
14 Nampath-Nua	25	0.010	5.5	6	8.3	8
Sub-total	1,008	0.385	223.1	228	334.7	338
Somboun Area						
1 Houaymo-Nua	50	0.019	11.1	11	16.6	17
2 Houaymo-Tai	78	0.030	17.3	17	25.9	26
3 Thahua-Nua	190	0.073	42.1	42	63.1	63
4 Thahua-Tai	136	0.052	30.1	30	45.2	45
5 Houaypamom	202	0.077	44.7	45	67.1	67
6 Somsanouk	219	0.084	48.5	49	72.7	73
7 Nampat	48	0.018	10.6	11	15.9	16
8 Vangkhi	154	0.059	34.1	34	51.1	51
9 Phonthong	31	0.012	6.9	7	10.3	10
10 Taothan	72	0.027	15.9	16	23.9	24
11 Nampath-Tai	36	0.014	8.0	8	12.0	12
12 Houayxi	65	0.025	14.4	14	21.6	22
13 Namphao	200	0.076	44.3	44	66.4	66
14 Phakoup	104	0.040	23.0	23	34.5	35
15 Sivilai	27	0.010	6.0	6	9.0	9
Sub-total	1,612	0.615	356.9	357	535.3	536
Total	2,620	1.000	580.0	585	870.0	874

a/: The sample size was designed based on the population data of each village which was prepared by FORCAP as the results of village survey conducted during November 1995 - January 1996 period covering all 76 villages in Vangvieng district.

Table 3-1-1 Population and Households in the Model Area Based on Result of Village Profile Survey

Village Name	Year Established	Population		Total H/hold (No.)	Ave. Size of H/hold (pm/H.H.)	Woman Number	% of W. Headed H.H (%)	Household by Ethnic Groups				Migration in the Last 5 Yr.			
		Total (pm)	Male (%)					Female (%)	Total H/hold (No.)	Out Migration Percent. (Total=100)	In Migration Percent. (Total=100)				
Namoun Area															
1. Vangmiang	1901	598	50.7	49.3	100	6.0	1.0	0.0	3.0	97.0	0.0	2	2.0	5	5.0
2. Namon-Tai	1785	835	42.0	58.0	140	6.0	1.4	0.0	0.0	100.0	0.0	1	0.7	1	0.7
3. Namon-Nua	1978	757	48.7	51.3	113	6.7	6.2	100.0	0.0	0.0	0.0	9	8.0	2	1.8
4. Phonsavang	1967	640	46.9	53.1	110	5.8	0.0	10.0	0.9	89.1	0.0	2	1.8	44	40.0
5. Phonkeo	1987	996	48.8	51.2	130	7.7	2	1.5	100.0	0.0	0.0	0	0.0	22	16.9
6. Ngiou	1960	302	48.7	51.3	44	6.9	0.0	0.0	2.3	97.7	0.0	4	9.1	0	0.0
7. Nalao	1888	475	58.7	41.3	78	6.1	1.3	0.0	35.9	64.1	0.0	5	6.4	1	1.3
8. Nakhom	1971	107	40.2	59.8	22	4.9	0.0	0.0	0.0	100.0	0.0	9	40.9	2	9.1
9. Phongnang	1975	186	51.6	48.4	26	7.2	3	11.5	0.0	0.0	0.0	7	26.9	1	3.8
10. Nangeun-Nua	1977	193	49.7	50.3	29	6.7	0	0.0	100.0	0.0	0.0	40	137.9	3	10.3
11. Nangeun-Tai	1918	453	48.6	51.4	62	7.3	4	6.5	100.0	0.0	0.0	0	0.0	5	8.1
12. Vanghua	1796	853	50.1	49.9	151	5.6	2	1.3	0.7	99.3	0.0	2	1.3	53	35.1
13. Houaysan	1977	198	52.0	48.0	31	6.4	2	6.5	0.0	19.4	0.0	8	25.8	0	0.0
14. Nampath-Nua	1994	186	48.9	51.1	33	5.6	1	3.0	0.0	75.8	0.0	14	42.4	10	30.3
Sub-total or Ave.	-	6,779	48.8	51.2	1,069	6.3	25	2.3	32.4	7.8	59.9	103	9.6	149	13.9
Somboun Area															
1. Houaymo-Nua	1967	319	48.9	51.1	60	5.3	3	5.0	0.0	96.7	3.3	1	1.7	6	10.0
2. Houaymo-Tai	1961	550	49.6	50.4	84	6.5	8	9.5	0.0	16.7	83.3	1	1.2	6	7.1
3. Thahua-Nua	1975	1,118	52.0	48.0	165	6.8	6	3.6	0.0	20.6	79.4	1	0.6	17	10.3
4. Thahua-Tai	1976	829	48.3	51.7	142	5.8	13	9.2	0.0	0.7	99.3	4	2.8	7	4.9
5. Houaypanom	1966	1,156	50.7	49.3	195	5.9	15	7.7	0.5	21.5	77.9	17	8.7	39	20.0
6. Somsanouk	1970	946	51.3	48.7	177	5.3	13	7.3	50.3	3.4	46.3	3	1.7	5	2.8
7. Nampat	1982	314	52.9	47.1	49	6.4	2	4.1	0.0	100.0	0.0	1	2.0	1	2.0
8. Vangkhi	1796	891	51.2	48.8	158	5.6	0	0.0	12.7	87.3	0.0	3	1.9	4	2.5
9. Phonthong	1980	156	46.2	53.8	28	5.6	2	7.1	0.0	0.0	100.0	6	21.4	4	14.3
10. Taothan	1972	445	50.6	49.4	71	6.3	2	2.8	0.0	95.8	4.2	0	0.0	3	4.2
11. Nampath-Tai	1978	230	49.6	50.4	36	6.4	1	2.8	0.0	80.6	19.4	2	5.6	6	16.7
12. Houayxi	1971	343	43.1	56.9	65	5.3	6	9.2	0.0	69.2	30.8	11	16.9	2	3.1
13. Namphao	1975	1,423	49.1	50.9	202	7.0	15	7.4	0.0	34.7	65.3	6	3.0	3	1.5
14. Phakoup	1975	500	54.8	45.2	76	6.6	3	3.9	0.0	0.0	100.0	41	53.9	2	2.6
15. Sivilai	1994	158	47.5	52.5	22	7.2	5	22.7	100.0	0.0	0.0	0	0.0	1	4.5
Sub-total or Ave.	-	9,378	50.2	49.8	1,530	6.1	94	6.1	7.3	28.5	64.2	97	6.3	106	6.9
Model Area Total or Ave.	-	16,157	49.6	50.4	2,599	6.2	119	4.6	17.6	20.0	62.4	200	7.7	255	9.8

Source: Result of village profile survey, December 1996, JICA Study Team

Table 3-1-2 (1/2) Profile of Development Projects in the Model Area by Villages (Result of Village Profile Survey)

Village Name	Project No.	Project Category (Code)	Project Status (Code)	Project Feature	Beneficiary H/hold		Fund	Beneficiary Contribution (Yes/No)	Users Group (Yes/No)
					H/hold (No.)	(% of Total H.H)			
1. Vangmiang	1	2	1	1. Weir and canal	60	60.0	Lao PDR + Australia	Yes	Yes
	2	3	2	1. Extension on Crop Production	60	60.0	Lao Upland Agriculture Development Project	No	No
	3	2	1	1. Weir and canal	81	57.9	Lao PDR + Australia	Yes	Yes
2. Namon-Nua	1	3	2	1. Extension and Crop Production	81	57.9	LUADP	No	No
	2	6	2	1. Feeder road 3.5 Km length	113	100.0	Lao PDR	Yes	No
	3	12	2	1. Build School 2 Units	113	100.0	Provincial Department of Education + UNICEF + Inter. Women Organization	Yes	Yes
4. Phoncsavang	1	3	1	1. Water Pipe Installation	113	100.0	UNICEF	Yes	No
	2	16	2	1. Canal	13	11.8	LUADP	Yes	Yes
	3	3	2	1. Rice-Bank	16	14.5	Lao PDR	Yes	Yes
5. Phonkeo	1	2	1	1. Canal	36	50.9	Rice-Bank	Yes	Yes
	2	12	1	1. Build School 1 Unit and Information Room	21	16.2	C.A.A.	Yes	Yes
	3	3	1	1. Training on Fishculture and Supply of Fingerlings	n.a.	-	UNICEF	Yes	Yes
6. Ngou	1	2	1	1. Canal	n.a.	-	C.A.A.	Yes	Yes
	2	12	1	1. Build School 1 Unit	5	11.4	C.A.A.	Yes	Yes
	3	11	1	1. Medicine for Village	4	9.1	UNICEF	Yes	Yes
7. Nalao	1	11	1	1. Medicine for Village	78	100.0	C.C.L.	Yes	No
	2	1	1	1. Well Unit	78	100.0	C.C.L.	Yes	Yes
	3	1	3	1. Weir	5	22.7	Lao PDR	Yes	Yes
8. Nakhom	1	13	2	1. Family Planning	8	36.4	Lao PDR	No	Yes
	2	3	1	1. Water Melon	4	15.4	LUADP	Yes	Yes
	3	3	1	1. Rice Curn Fish	1	3.8	LUADP	Yes	Yes
9. Phongnang	1	1	3	1. Pipe Water	29	100.0	Lao PDR	Yes	Yes
	2	6	2	2. Feeder Road					
	3	12	3	3. School					
10. Nangeun-Nua	1	4	3	1. Planning Forest			JICA		
	2	3	2	1. Vaccination	99 animals	-	Lao PDR	Yes	No
	3	13	2	1. Family Planning	40	64.5	Lao PDR	No	Yes
11. Nangeun-Tai	1	2	2	1. Canal Irrigation	42	27.8	Upland Project from Australia	Yes	Yes
	2	3	2	1. Rice-Bank	72	47.7	Other	Yes	Yes
	3	13	1	1. Family Planning	53	35.1	Lao PDR	Yes	Yes
12. Vanghua	1	3	2	1. Rice-Bank	31	100.0	Lao PDR	Yes	Yes
	2	16	2	1. Weaving	2	6.5	C.A.A.	Yes	Yes
	3	3	2	1. Planting Chile	14	42.4	C.A.A.	Yes	Yes
13. Houaysan	1	3	3	1. Land Clearing for Na	16	48.5	C.A.A.	Yes	Yes
	2	3	3						
	3	3	3						

Code: Project category
 1. Drinking water
 2. Irrigation
 3. Agriculture
 4. Reforestation
 5. Foot trails
 6. Motorable roads
 7. Check dam
 8. Bridge
 9. Power supply
 10. Toilet construction

Project status
 1. Completed
 2. On-going
 3. Planned

Project status
 1. Completed
 2. On-going
 3. Planned

Table 3-1-2 (2/2) Profile of Development Projects in the Model Area by Villages (Result of Village Profile Survey)

Village Name	Project No.	Project Category (Code)	Project Status (Code)	Project Feature	Beneficiary H/hold		Fund	Beneficiary Contribution (Yes/No)	Users' Group (Yes/No)
					(No.)	(% of Total H.H.)			
Somboun Area									
1. Houaymo-Nua	1	1	1	1. Construction of Weir	60	100.0	UNICEF + JICA	Yes	Yes
	2	3	3	1. Tree Planting and Livestock	60	100.0	UNICEF + JICA	Yes	Yes
	3	3	2	1. Rice-Bank	60	100.0	Lao PDR	No	No
2. Houaymo-Tai	1	4	3	1. Degraded Forest Rehabilitation	84	100.0	JICA	Yes	Yes
	2	6	3	1. Access Road to Na Area	84	100.0	JICA	Yes	Yes
	3	1	1	1. Build Weir And Pipe Installation	84	100.0	Lao PDR	Yes	Yes
3. Thahua-Nua	1	9	3	1. House electrification	165	100.0	Lao PDR	Yes	No
	2	4	3	1. Reforestation	165	100.0	Lao PDR + Villagers	Yes	Yes
	1	9	1	1. House Electrification	35	24.6	Villagers	Yes	No
4. Thahua-Tai	2	12	2	1. Primary School	142	100.0	Villagers	Yes	No
	3	12	3	1. Primary School	142	100.0	Villagers	Yes	No
	3	12	3	1. Primary School	142	100.0	Villagers	Yes	No
5. Houaypamom									
6. Somsanook	1	9	2	1. House Electrification	60	33.9	NGO	Yes	Yes
	2	10	2	1. WC	150	84.7	Pronatura International	No	Yes
	3	4	3	1. Forest Seed Multiplication			JICA	No	Yes
7. Nampat	1	4	3	1. Reforestation	49		JICA	No	Yes
	1	12	2	1. Primary School	4	2.5	Association of Pupil's Parents	Yes	No
	2	4	3	1. Planning of Forest Rehabilitation	158	100.0	JICA	No	No
9. Phontong	1	4	3	1. Reforestation			JICA	No	No
	1	12	2	1. school	71	100.0	Private Business People	Yes	No
	1	12	2	1. school					
11. Nampath-Tai									
12. Houaysi									
13. Namphao	1	1	1	1. Pipe Water Installation	202	100.0	Lao PDR	Yes	Yes
	2	2	1	1. Concrete Weir	32	15.8	Natural Resources Conservation Project	Yes	Yes
	3	12	1	1. Build School	202	100.0	Lao PDR	Yes	Yes
14. Phakoup	1	3	1	1. Supply of 475 Fix Ners + 1 Motor for Boat	76	100.0	Development of Fisherman of Nam Ngum Project	Yes	Yes
	2	12	1	1. Two Wells Installation, WC Set 22, Ondulated Iron Sheet 88, Cement 88 Kg	76	100.0	Development of Fisherman of Nam Ngum Project	Yes	No
	3	10	1	1. WC Set 6 : for School 2 Sets, for Village Leader and Fishermen 4 sets	4	5.3	Development of Fisherman of Nam Ngum Project	Yes	No
15. Sivilai	1	1	1	1. Two Wells	22	100.0	Other	No	No
	2	10	2	1. WC Set 22, Ondulated Iron Sheets 88, Cement 88	22	100.0	Other	Yes	No
	3	12	2	1. Build School	22	100.0	Other	No	No

Code: Project category

1. Drinking water
2. Irrigation
3. Agriculture
4. Reforestation
5. Foot trails
6. Motorable roads
7. Check dam
8. Bridge
9. Power supply
10. Toilet construction
11. Health facility
12. School
13. Family planning
14. Nutritional improvement
15. Cottage industry
16. Handicraft
17. Other

Project status

1. Completed
2. On-going
3. Planned

**Table 3-1-3 Number of Villages with Village Forests and their Status
Based on Result of Village Profile Survey**

Item	Namon Area	Somboun Area	Model Area
Number of Villages in each sub-district	14 villages	15 villages	29 villages
I -1 No. of villages with village forests in which tree felling is not allowed	10 villages	13 villages	23 villages
I -2 Status of the above forests			
1) Forest boundary was delineated by central/ local government	3 villages	0 villages	3 villages
2) Forest boundary was delineated by villagers	7 villages	10 villages	17 villages
3) Forest boundary was delineated by government and villagers	0 village	2 villages	2 villages
4) Forest boundary was not delineated yet	0 village	0 village	0 village
5) Unknown	0 village	1 villages	1 villages
II -1 No. of villages with village forests for use of all villagers	14 villages	14 villages	28 villages
II -2 Status of the above forests			
1) Forest boundary was delineated by central/ local government	3 villages	1 village	4 villages
2) Forest boundary was delineated by villagers	9 villages	10 villages	19 villages
3) Forest boundary was delineated by government and villagers	0 village	2 villages	2 villages
4) Forest boundary was not delineated yet	2 villages	1 village	3 villages
5) Unknown	0 village	0 village	0 village
II -3 Usage of the above forests			
1) Mainly for slash and burn cultiva.	3 villages	9 villages	12 villages
2) Mainly for grazing	2 villages	0 village	2 villages
3) Mainly for fuel wood collection	6 villages	2 villages	8 villages
4) Mainly for forest vege/crop collect.	0 village	1 village	1 village
5) Mainly for timber	3 villages	2 villages	5 villages
II -4 Existence of regulation for use of the above forests among villagers			
1) Yes	12 villages	11 villages	23 villages
2) No	2 villages	3 villages	5 villages
II -5 If yes, is it documentated ?			
1) Yes	5 villages	7 villages	12 villages
2) No	9 villages	7 villages	16 villages
III -1 Existence of regulation for use of Slash and burn areas			
1) Yes	14 villages	10 villages	24 villages
2) No	0 village	5 villages	5 villages
III -2 If yes, is it documentated ?			
1) Yes	9 villages	4 villages	13 villages
2) No	5 villages	6 villages	11 villages
IV -1 No. of villages with man-made forests			
1) Villages with man-made forests	3 villages	6 villages	9 villages
2) Vilalges without man-made forests	11 villages	9 villages	20 villages

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-1 Sample Households and Their Population in the Model Area (Result of Household Survey)

Village	Sample Hholds Total (No)	Hhold by Ethnic Groups						Hhold by Length of Settlement						Female Headed MH			Population of Sample HHs by Age Group					
		Lao		Lum		Theung		< 10		10 to 19		20 to 29		> 30		Total	Male	Female	Average Size of HH	0-14	15-59	> 60
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(prn)	(%)	(%)	(prn)	(%)	(%)	(%)	(%)
Namom Area																						
1. Vangmiang	21	0.0	0.0	0.0	100.0	14.3	14.3	9.5	61.9	0.0	0.0	127	47.2	52.8	6.05	44.9	50.4	4.7				
2. Namon-Tai	31	0.0	9.7	90.3	35.5	12.9	22.6	29.0	0.0	0.0	191	51.3	48.7	6.16	44.5	51.8	3.7					
3. Namon-Nua	24	100.0	0.0	0.0	45.8	54.2	0.0	0.0	4.2	0.0	146	50.0	50.0	6.08	50.0	45.9	4.1					
4. Phonsavang	22	13.6	0.0	86.4	72.7	18.2	9.1	0.0	13.6	0.0	139	46.0	54.0	6.32	44.6	51.8	3.6					
5. Phonkeo	28	100.0	0.0	0.0	100.0	0.0	0.0	0.0	3.6	0.0	201	51.7	48.3	7.18	52.7	43.8	3.5					
6. Ngiou	11	0.0	0.0	100.0	9.1	0.0	45.5	45.5	0.0	0.0	73	57.5	42.5	6.64	45.2	49.3	5.5					
7. Nalao	17	0.0	23.5	76.5	5.9	29.4	17.6	47.1	5.9	0.0	110	52.7	47.3	6.47	39.1	52.7	8.2					
8. Nakhom	7	0.0	0.0	100.0	28.6	0.0	14.3	57.1	0.0	0.0	49	49.0	51.0	7.00	53.1	40.8	6.1					
9. Phongnang	6	0.0	0.0	100.0	50.0	0.0	50.0	0.0	0.0	0.0	41	58.5	41.5	6.83	34.2	48.8	17.1					
10. Nangeun-Nua	10	100.0	0.0	0.0	30.0	70.0	0.0	0.0	0.0	0.0	61	50.8	49.2	6.10	54.1	42.6	3.3					
11. Nangeun-Tai	14	100.0	0.0	0.0	64.3	28.6	7.1	0.0	7.1	0.0	107	43.9	56.1	7.64	57.0	37.4	5.6					
12. Vanghua	23	0.0	0.0	100.0	39.1	13.0	8.7	39.1	4.4	0.0	139	48.2	51.8	6.04	37.4	56.1	6.5					
13. Houaysan	8	0.0	100.0	0.0	0.0	87.5	12.5	0.0	12.5	0.0	51	56.9	43.1	6.38	53.0	37.2	9.8					
14. Nampath-Nua	6	0.0	100.0	0.0	83.3	0.0	16.7	0.0	50.0	0.0	24	33.3	66.7	4.00	41.7	45.8	12.5					
Sub-total or Average	228	34.7	9.2	56.1	44.7	21.9	12.3	21.1	5.3	1459	50.0	50.0	6.40	46.8	47.8	5.4						
Somboun Area																						
1. Houaymo-Nua	11	0.0	81.8	18.2	9.1	81.8	9.1	0.0	18.2	0.0	74	52.7	47.3	6.73	51.4	41.9	6.8					
2. Houaymo-Tai	17	5.9	17.7	76.5	52.9	17.6	29.4	0.0	11.8	0.0	128	47.7	52.3	7.53	53.1	39.1	7.8					
3. Thahua-Nua	42	0.0	16.7	83.3	23.8	57.1	19.0	0.0	7.1	0.0	285	46.7	53.3	6.79	44.2	48.4	7.4					
4. Thahua-Tai	30	0.0	3.3	96.7	26.7	40.0	33.3	0.0	13.3	0.0	182	51.1	48.9	6.07	40.1	56.1	3.9					
5. Houaypamom	45	0.0	17.8	82.2	22.2	44.4	33.3	0.0	8.9	0.0	284	49.7	50.4	6.31	50.7	44.7	4.6					
6. Somsanouk	49	44.9	4.1	51.0	18.4	42.9	32.7	6.1	0.0	0.0	290	52.1	47.9	5.92	41.7	50.7	7.6					
7. Nampat	11	0.0	100.0	0.0	9.1	81.8	9.1	0.0	9.1	0.0	75	52.0	48.0	6.82	49.3	45.3	5.3					
8. Vanghi	34	0.0	5.9	94.1	8.8	20.6	20.6	50.0	5.9	0.0	192	53.7	46.4	5.65	42.2	52.6	5.2					
9. Phonthong	7	0.0	0.0	100.0	28.6	57.1	14.3	0.0	14.3	0.0	39	46.2	53.9	5.57	43.6	51.3	5.1					
10. Taothan	16	0.0	87.5	12.5	25.0	31.3	43.8	0.0	0.0	0.0	95	51.6	48.4	5.94	52.6	42.1	5.3					
11. Nampath-Tai	8	0.0	87.5	12.5	25.0	75.0	0.0	0.0	12.5	0.0	45	48.9	51.1	5.63	40.0	48.9	11.1					
12. Houayxi	14	7.1	64.3	28.6	28.6	28.6	42.9	0.0	14.3	0.0	79	40.5	59.5	5.64	54.4	41.8	3.8					
13. Namphao	44	2.3	38.6	59.1	20.5	52.3	27.3	0.0	11.4	0.0	331	46.5	53.5	7.52	47.4	45.0	7.6					
14. Phakoup	23	0.0	0.0	100.0	34.8	52.2	8.7	4.3	4.4	0.0	135	49.6	50.4	5.87	51.9	41.5	6.7					
15. Sivilai	6	100.0	0.0	0.0	83.3	0.0	0.0	16.7	33.3	0.0	18	38.9	61.1	3.00	33.3	50.0	16.7					
Sub-total or Average	357	8.7	25.2	66.1	23.8	44.5	25.5	6.2	8.4	2252	49.3	50.8	6.31	46.6	47.0	6.4						
Model Area Total or Ave.	585	18.8	19.0	62.2	32.0	35.7	20.3	12.0	7.2	3711	49.5	50.5	6.34	46.7	47.3	6.0						

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-2 Education Status of Economically Active Population (15-60 yrs old)

Village	Total HH Members (pm)	Econo. Active Pop. (pm)	Percentage of EAP																		
			1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	8 (%)	9 (%)	10 (%)									
Namou Area																					
1. Vangmiang	127	66	51.97	10.61	18.18	18.18	18.18	18.18	22.73	4.55	7.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2. Namon-Tai	191	100	52.36	11.00	21.00	17.00	14.00	14.00	16.00	14.00	6.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Namon-Nua	146	67	45.89	62.69	20.90	5.97	5.97	5.97	2.99	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Phonsavang	139	74	53.24	18.92	24.32	13.51	12.16	12.16	20.27	1.35	8.11	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Phonkeo	201	88	43.78	45.45	28.41	10.23	9.09	9.09	0.00	3.41	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Ngiou	73	37	50.68	27.03	27.03	8.11	16.22	13.51	2.70	5.41	5.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nalao	110	61	55.45	22.95	31.15	11.48	27.87	4.92	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Nakhom	49	21	42.86	19.05	14.29	28.57	23.81	0.00	0.00	0.00	9.52	4.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phongnang	41	22	53.66	22.73	27.27	31.82	0.00	0.00	9.09	4.55	4.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Nangeun-Nua	61	25	40.98	44.00	36.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nangeun-Tai	107	41	38.32	58.54	26.83	9.76	4.88	4.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Vanghua	139	81	58.27	11.11	19.75	24.69	17.28	18.52	3.70	4.94	4.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Houaysan	51	19	37.25	26.32	47.37	15.79	10.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	24	12	50.00	66.67	16.67	15.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	1,459	714	48.94	28.57	24.51	15.27	13.03	10.22	3.92	4.06	4.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Somboun Area																					
1. Houaymo-Nua	74	33	44.59	39.39	21.21	12.12	12.12	12.12	9.09	3.03	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	128	52	40.63	15.38	32.69	19.23	11.54	11.54	7.69	3.85	7.69	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Thahua-Nua	285	140	49.12	15.71	26.43	18.57	14.29	14.29	12.14	4.29	7.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Thahua-Tai	182	103	56.59	19.42	15.33	28.16	24.27	8.74	1.94	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Houaypanom	284	129	45.42	19.38	20.93	25.58	16.28	13.18	2.33	2.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Somsanouk	290	151	52.07	49.01	20.33	19.87	6.62	6.62	1.32	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nampat	75	35	46.67	48.57	34.29	8.57	8.57	8.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Vangkhi	192	101	52.60	15.84	26.73	20.79	15.84	15.84	12.87	1.98	5.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phonthong	39	21	53.85	19.05	19.05	28.57	9.52	9.52	19.05	0.00	4.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Taotnan	95	40	42.11	40.00	32.50	10.00	7.50	7.50	5.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nampath-Tai	45	22	48.89	36.36	27.27	18.18	4.55	4.55	4.55	4.55	4.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	79	34	43.04	29.41	35.29	14.71	14.71	14.71	0.00	2.94	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Namphao	331	151	45.62	21.19	27.15	17.88	15.89	15.89	9.93	1.99	5.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Phakoup	135	57	42.22	8.77	40.35	26.32	17.54	17.54	1.75	0.00	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Sivilai	18	10	55.56	60.00	20.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	2,252	1,079	47.91	25.58	25.49	20.30	13.90	8.16	1.95	3.99	4.02	0.28	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Model Area Total or Ave.	3,711	1,793	48.32	26.77	25.10	18.29	13.55	8.98	2.73	4.02	4.02	0.33	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Code for Education

- 1. No formal education
- 2. Some classes of primary
- 3. Graduate of primary school
- 4. Some classes of secondary sc
- 5. Graduate of secondary school
- 6. Some classes of high school
- 7. Graduate of high school
- 8. More than high school
- 9. Some classes of profession HS
- 10. Graduate of profession HS

Table 3-3-3 Main Occupation of Economically Active Population (15-60 yrs old)

Village	Economi. Active Pop. 15 - 60 yrs (pm)	Main Occupation						No Job (%)	Others (%)
		Salary Worker (%)	Wage Labor (%)	Private Business (%)	Farmer (%)	Student (%)			
Namom Area									
1. Vangmiang	66	13.64	6.06	4.55	60.61	10.61	1.52	3.05	
2. Namon-Tai	100	24.00	8.00	8.00	39.00	17.00	2.00	2.00	
3. Namon-Nua	67	0.00	0.00	1.49	89.55	8.96	0.00	0.00	
4. Phonsavang	74	13.51	1.35	25.68	32.43	13.51	12.16	1.35	
5. Phonkeo	88	2.27	0.00	1.14	82.95	12.50	0.00	1.14	
6. Ngiou	37	5.41	0.00	0.00	59.46	18.92	2.70	13.51	
7. Nalao	61	0.00	0.00	4.92	77.05	11.48	4.92	1.64	
8. Nakhom	21	19.05	0.00	14.29	57.14	9.52	0.00	0.00	
9. Phongnang	22	4.55	0.00	4.55	81.82	9.09	0.00	0.00	
10. Nangeun-Nua	26	0.00	0.00	0.00	92.31	0.00	0.00	7.69	
11. Nangeun-Tai	41	0.00	0.00	0.00	90.24	7.32	2.44	0.00	
12. Vanghua	81	8.64	1.23	13.58	53.09	16.05	0.00	7.41	
13. Houaysan	19	0.00	0.00	0.00	84.21	15.79	0.00	0.00	
14. Nampath-Nua	12	0.00	0.00	0.00	100.00	0.00	0.00	0.00	
Sub-total or Average	715	8.25	1.96	6.99	65.31	12.31	2.38	2.80	
Somboun Area									
1. Houaymo-Nua	33	6.06	9.09	3.03	72.73	6.06	3.03	0.00	
2. Houaymo-Tai	52	7.69	5.77	17.31	53.85	11.54	0.00	3.85	
3. Thahua-Nua	140	7.14	5.71	12.86	42.14	10.71	13.57	7.14	
4. Thahua-Tai	103	0.00	1.94	30.10	48.54	14.56	4.85	0.00	
5. Houaypamom	129	6.20	2.33	0.00	78.29	8.53	2.33	2.33	
6. Somsanouk	151	1.99	0.00	1.32	85.43	6.62	3.97	0.66	
7. Nampat	35	0.00	0.00	0.00	91.43	5.71	0.00	0.00	
8. Vangkhi	101	7.92	0.99	3.96	68.32	11.88	3.96	2.97	
9. Phonthong	21	9.52	0.00	0.00	71.43	4.76	0.00	9.52	
10. Taotthan	40	2.50	0.00	0.00	90.00	7.50	0.00	0.00	
11. Nampath-Tai	22	0.00	0.00	4.55	77.27	13.64	4.55	0.00	
12. Houayxi	34	0.00	0.00	2.94	85.29	5.88	2.94	2.94	
13. Namphao	151	2.65	0.00	3.97	76.82	13.91	1.32	1.32	
14. Phakoup	57	1.75	1.75	7.02	77.19	0.00	10.53	1.75	
15. Sivilai	10	0.00	0.00	0.00	100.00	0.00	0.00	0.00	
Sub-total or Average	1079	3.99	1.95	7.14	70.34	9.55	4.45	2.32	
Model Area Total or Ave.	1794	5.69	1.95	7.08	68.34	10.65	3.62	2.51	

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-4 Involvement in Farming Activities among Household Members

Village	Total HH Members		Involvement in Farming		Involvement by Sex		Involvement ratio by Age Groups					
	(pm)	(%)	Yes (pm)	No (pm)	Male (%)	Female (%)	Up to 14 yrs old (%)	15-29 yrs	30-44 yrs	45-60	> 60 yrs	
								(%)	(%)	(%)	(%)	
Namon Area												
1. Vangmiang	127	58	45.67	69	54.33	50.00	1.72	27.59	39.66	25.86	5.17	
2. Namon-Tai	191	58	30.37	133	69.63	60.34	0.00	36.21	18.97	39.66	5.17	
3. Namon-Nua	146	70	47.95	76	52.05	55.71	5.71	38.57	31.43	17.14	7.14	
4. Phonsavang	139	46	33.09	93	66.91	58.70	4.35	34.78	41.30	17.39	2.17	
5. Phonkeo	201	83	41.29	118	58.71	56.63	6.02	43.37	36.14	9.64	4.82	
6. Ngiou	73	30	41.10	43	58.90	46.67	0.00	33.33	43.33	20.00	3.33	
7. Nalao	110	52	47.27	58	52.73	44.23	7.69	44.23	21.15	26.92	0.00	
8. Nakhom	49	17	34.69	32	65.31	52.94	0.00	41.18	35.29	17.65	5.88	
9. Phongnang	41	25	60.98	16	39.02	44.00	4.00	40.00	12.00	28.00	16.00	
10. Nangeun-Nua	61	25	40.98	36	59.02	56.00	4.00	48.00	36.00	8.00	4.00	
11. Nangeun-Tai	107	40	37.38	67	62.62	55.00	7.50	25.00	42.50	25.00	0.00	
12. Vanghua	139	60	43.17	79	56.83	46.67	0.00	23.33	48.33	25.00	3.33	
13. Houaysan	51	19	37.25	32	62.75	47.37	0.00	26.32	36.84	21.05	15.79	
14. Nampath-Nua	24	15	62.50	9	37.50	33.33	6.67	20.00	26.67	33.33	13.33	
Sub-total or Average	1,459	598	40.99	861	59.01	46.49	3.68	35.12	34.11	22.07	5.02	
Somboun Area												
1. Houaymo-Nua	74	32	43.24	42	56.76	46.88	3.13	34.38	37.50	18.75	6.25	
2. Houaymo-Tai	128	42	32.81	86	67.19	50.00	4.76	38.10	33.33	16.67	7.14	
3. Thahua-Nua	285	73	25.61	212	74.39	53.42	2.74	27.40	34.25	26.03	9.59	
4. Thahua-Tai	182	51	28.02	131	71.98	54.90	0.00	39.22	23.53	31.37	5.88	
5. Houaypamom	284	107	37.68	177	62.32	45.79	2.80	38.32	41.12	14.95	2.80	
6. Somsanouk	290	143	49.31	147	50.69	49.65	0.70	42.66	23.78	23.78	9.09	
7. Nampat	75	35	46.67	40	53.33	45.71	0.00	42.86	25.71	22.86	8.57	
8. Vangkhi	192	78	40.63	114	59.38	46.15	1.28	30.77	44.87	15.38	7.69	
9. Phonthong	39	16	41.03	23	58.97	43.75	0.00	37.50	25.00	31.25	6.25	
10. Taothan	95	37	38.95	58	61.05	48.65	0.00	32.43	48.65	16.22	2.70	
11. Nampath-Tai	45	14	31.11	31	68.89	50.00	0.00	28.57	35.71	21.43	14.29	
12. Houayxi	79	24	30.38	55	69.62	33.33	0.00	45.83	41.67	12.50	0.00	
13. Namphao	331	136	41.09	195	58.91	44.12	0.00	33.82	35.29	18.38	12.50	
14. Phakoup	135	47	34.81	88	65.19	57.45	0.00	57.45	19.15	17.02	6.38	
15. Sivilai	18	10	55.56	8	44.44	40.00	0.00	20.00	50.00	30.00	0.00	
Sub-total or Average	2,252	845	37.52	1,407	62.48	47.46	1.18	37.40	33.61	20.24	7.57	
Model Area Total or Ave.	3,711	1,443	38.88	2,268	61.12	47.05	2.22	36.45	33.82	21.00	6.51	

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-5 Organizational Membership of Household Members (above 15 yrs old)

Village	Hhold Mem- bers > 15 yrs (pm)		Members of Organization and Group		Code for Organization									
	Male (pm)	Female (pm)	(%)	(%)	1 (%)	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	7 (%)	8 (%)	9 (%)	10 (%)
Namon Area														
1. Vangmiang	70	28	27.14	40.00	25.71	25.71	5.71	1.43	5.71	0.00	0.00	0.00	0.00	2.86
2. Namon-Tai	99	42	41.41	42.42	34.34	22.22	4.04	2.02	5.05	0.00	0.00	0.00	1.01	15.15
3. Namon-Nua	67	5	8.96	7.46	5.97	5.97	1.49	1.37	5.48	0.00	0.00	0.00	4.11	83.58
4. Phonsvang	73	17	27.40	23.29	10.96	20.55	2.74	1.37	5.48	0.00	0.00	0.00	1.09	49.32
5. Phonkeo	92	12	27.17	13.04	10.87	17.39	5.43	0.00	0.00	0.00	0.00	0.00	1.09	59.78
6. Ngiou	39	14	48.72	35.90	28.21	28.21	7.69	0.00	0.00	0.00	0.00	0.00	0.00	15.38
7. Naiao	63	17	33.33	26.98	17.46	33.33	0.00	0.00	0.00	3.17	0.00	0.00	6.35	39.68
8. Nakhom	23	4	34.78	17.39	21.74	11.54	0.00	0.00	0.00	0.00	0.00	0.00	13.04	47.83
9. Phongnang	26	4	30.77	15.38	11.54	11.54	0.00	0.00	3.85	0.00	0.00	0.00	3.85	53.85
10. Nangeun-Nua	27	2	11.11	7.41	0.00	0.00	0.00	0.00	7.41	0.00	0.00	0.00	3.70	81.48
11. Nangeun-Tai	44	5	22.73	11.36	11.36	4.55	5.82	0.00	4.55	0.00	0.00	0.00	2.27	65.91
12. Vanghua	83	17	26.51	20.48	15.66	19.28	3.61	2.41	0.00	0.00	0.00	0.00	0.00	6.02
13. Houaysan	24	8	33.33	25.00	20.83	16.67	16.67	0.00	0.00	0.00	0.00	0.00	0.00	4.17
14. Nampath-Nua	14	5	35.71	35.71	14.29	28.57	28.57	0.00	0.00	0.00	0.00	0.00	0.00	28.57
Sub-total or Average	744	215	28.90	23.92	17.61	18.95	4.84	0.81	2.42	0.27	0.27	0.94	6.72	47.18
Somboun Area														
1. Houaymo-Nua	33	13	42.42	39.39	27.27	27.27	21.21	0.00	3.03	0.00	0.00	0.00	0.00	3.03
2. Houaymo-Tai	55	19	29.09	34.55	25.45	23.64	12.73	0.00	0.00	0.00	0.00	0.00	0.00	1.82
3. Thahua-Nua	152	46	25.66	30.26	25.00	18.42	4.61	0.00	0.66	0.00	0.66	0.66	5.92	44.08
4. Thahua-Tai	103	33	32.04	32.04	30.10	19.42	9.71	0.00	3.88	0.00	0.97	0.00	0.00	0.00
5. Houaypamom	134	25	17.16	18.66	15.67	9.70	9.70	0.00	0.00	0.00	0.00	0.00	0.00	0.75
6. Somsanouk	158	19	19.62	12.03	9.49	10.13	2.53	0.00	8.23	0.00	0.63	0.00	0.00	0.63
7. Nampat	35	8	22.86	14.29	14.29	11.43	8.57	0.00	0.00	0.00	0.00	0.00	0.94	62.86
8. Vangkhi	106	27	25.47	19.81	16.04	15.09	7.55	0.94	0.94	0.00	0.00	0.00	3.77	54.72
9. Phonthong	19	8	36.84	42.11	26.32	15.79	26.32	0.00	0.00	0.00	0.00	0.00	5.26	21.05
10. Taothan	43	8	23.26	18.60	13.95	13.95	6.98	0.00	0.00	0.00	0.00	0.00	0.00	58.14
11. Nampath-Tai	25	9	36.00	44.00	32.00	32.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
12. Houayxi	34	16	47.06	50.00	35.29	44.12	14.71	0.00	0.00	0.00	0.00	0.00	2.94	0.00
13. Namphao	169	36	21.30	26.04	23.08	12.43	4.14	0.00	0.59	0.00	0.00	0.00	0.59	6.51
14. Phakoup	64	21	32.81	39.06	35.94	15.63	7.81	0.00	0.00	0.00	1.56	0.00	0.00	10.94
15. Sivilai	12	3	25.00	25.00	8.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.67
Sub-total or Average	1,142	293	25.66	26.01	21.54	16.02	7.62	0.09	1.84	0.00	0.61	0.44	3.50	48.34
Model Area Total or Ave.	1,886	508	26.94	25.19	19.99	17.18	6.52	0.37	2.07	0.11	0.48	0.64	4.77	47.88

Code for Organization

- 1 Women's Union
- 2 Youth Organization
- 3 Elders' Group
- 4 Water Users group
- 5 Village Committee
- 6 Ethnic organization
- 7 Religious organization
- 8 Other users group
- 9 Other organization
- 10 Non-member of organization/group

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-6 Importance of Cash Income Source in Sample Households

Village	Sample H/hold (No)	Code for Cash Income Source																																					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																		
Namom Area																																							
1. Vangmiang	21	25.00	0.00	10.71	12.50	73.81	3.57	0.00	0.00	26.19	13.69	37.50	43.45	4.17	8.33	0.00	0.00	0.00	0.00	0.00	0.00																		
2. Namon-Tai	31	10.48	0.00	43.15	8.87	22.18	4.44	0.00	0.00	7.66	13.31	69.76	35.48	24.60	3.23	0.00	0.00	0.00	0.00	0.00	0.00																		
3. Namon-Nua	24	7.29	0.00	55.21	6.25	60.42	15.10	0.00	0.00	41.67	0.00	3.13	8.33	0.00	0.00	0.00	0.00	0.00	0.00	74.48	0.00																		
4. Phonsavang	22	7.95	0.00	19.32	4.55	30.68	8.52	0.00	0.00	14.20	10.80	26.70	18.75	49.43	7.95	0.00	0.00	0.00	0.00	0.00	9.09																		
5. Phonkeo	28	6.25	0.00	25.00	12.50	77.68	12.05	0.00	0.00	28.13	0.00	3.57	12.95	3.57	6.25	0.00	0.00	0.00	0.00	0.00	45.98																		
6. Ngiou	11	55.68	0.00	34.09	6.82	82.95	34.09	0.00	0.00	28.41	42.05	18.18	0.00	0.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00																		
7. Nalao	17	34.56	5.15	14.71	4.41	88.24	17.65	0.00	0.00	46.32	8.82	0.00	22.06	16.18	4.41	0.00	0.00	0.00	0.00	0.00	0.00																		
8. Nakhom	7	21.43	0.00	46.43	25.00	23.21	23.21	0.00	0.00	21.43	10.71	42.86	51.79	10.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
9. Phongnang	6	22.92	0.00	27.08	16.67	47.92	39.58	0.00	0.00	0.00	0.00	16.67	16.67	41.67	0.00	0.00	0.00	0.00	0.00	12.50	0.00																		
10. Nangeun-Nua	10	0.00	0.00	66.25	10.00	92.50	0.00	0.00	0.00	15.00	0.00	0.00	33.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
11. Nangeun-Tai	14	0.00	7.14	28.57	0.00	75.00	5.36	0.00	0.00	5.36	0.00	0.00	53.57	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00																		
12. Vanghua	23	3.80	0.00	23.37	2.17	44.57	21.20	3.26	0.00	12.50	70.11	25.54	33.15	36.96	0.00	0.00	0.00	0.00	0.00	0.00	3.26																		
13. Houaysan	8	0.00	0.00	57.81	0.00	87.50	9.38	0.00	0.00	50.00	18.75	10.94	32.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
14. Nampath-Nua	6	16.67	0.00	54.17	0.00	47.92	27.08	16.67	0.00	12.50	0.00	0.00	33.33	0.00	14.58	0.00	0.00	0.00	0.00	0.00	0.00																		
Sub-total or Average	228	13.38	0.82	32.95	7.51	58.72	13.05	0.77	0.00	22.48	14.86	21.88	26.92	15.30	4.06	0.00	0.00	0.00	0.00	0.33	16.23																		
Somboun Area																																							
1. Houaymo-Nua	11	7.95	0.00	27.27	19.32	47.73	6.82	20.45	0.00	36.36	6.82	25.00	62.50	7.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
2. Houaymo-Tai	17	0.00	0.00	9.56	3.68	32.35	62.50	4.41	0.00	13.24	10.29	17.65	19.85	44.12	4.41	0.00	0.00	0.00	0.00	0.00	4.41																		
3. Thahua-Nua	42	0.00	0.00	7.14	7.44	14.58	43.15	0.00	0.00	1.79	4.17	15.48	25.89	31.85	12.50	6.85	4.76	2.08	0.00	0.00	0.00																		
4. Thahua-Tai	30	0.00	0.00	2.50	8.75	35.42	65.00	0.00	0.00	2.50	22.50	6.67	20.83	42.50	2.92	0.00	0.00	0.00	0.00	0.00	0.00																		
5. Houaypanom	45	0.00	0.00	6.67	3.33	53.06	45.83	1.67	0.00	5.28	66.39	13.06	26.11	11.94	5.83	0.00	0.00	0.00	0.00	0.00	0.00																		
6. Somsanouk	49	0.00	9.18	25.51	17.35	76.28	15.82	21.43	1.79	15.56	16.07	6.89	35.46	0.00	7.40	0.00	0.00	0.00	0.00	0.00	0.00																		
7. Nampat	11	0.00	43.18	0.00	14.77	54.55	0.00	19.32	0.00	79.55	6.82	0.00	54.55	9.09	6.82	0.00	0.00	0.00	0.00	0.00	5.68																		
8. Vangkhi	34	5.88	8.46	36.76	20.59	58.09	33.46	1.84	0.00	17.65	9.19	11.76	22.43	23.53	13.24	0.00	0.00	0.00	0.00	0.00	0.00																		
9. Phonthong	7	17.86	10.71	50.00	23.21	87.50	28.57	10.71	0.00	0.00	0.00	0.00	25.00	28.57	14.29	0.00	0.00	0.00	0.00	0.00	0.00																		
10. Taotnan	16	0.00	12.50	9.38	21.09	80.47	16.41	0.00	0.00	28.91	5.47	6.25	57.03	0.00	4.69	0.00	0.00	0.00	0.00	0.00	0.00																		
11. Nampath-Tai	8	0.00	0.00	9.38	0.00	71.88	34.38	0.00	0.00	20.31	9.38	0.00	0.00	12.50	21.88	10.94	0.00	0.00	0.00	0.00	0.00																		
12. Houayxi	14	0.00	0.00	16.07	0.00	27.68	52.68	28.57	0.00	6.25	7.14	0.00	25.89	7.14	6.25	0.00	0.00	0.00	0.00	0.00	0.00																		
13. Namphao	44	0.00	0.00	6.82	7.39	62.50	31.53	2.27	0.00	14.49	14.77	6.82	35.80	10.23	7.67	1.70	4.55	0.00	0.00	0.00	0.00																		
14. Phakoup	23	0.00	0.00	2.17	9.24	39.13	86.41	3.80	0.00	0.00	7.07	3.26	14.67	11.96	4.35	0.00	0.00	0.00	0.00	0.00	0.00																		
15. Sivilai	6	0.00	0.00	0.00	0.00	27.08	0.00	0.00	14.58	0.00	0.00	66.67	0.00	45.83	0.00	0.00	0.00	0.00	0.00	0.00	43.75																		
Sub-total or Average	357	1.16	4.17	13.41	10.50	50.77	38.45	6.62	0.49	12.89	17.75	9.03	30.18	16.84	8.37	1.26	1.12	0.25	0.18	0.95	0.95																		
Model Area Total or Ave.	585	9.92	2.86	21.03	9.34	53.87	28.55	4.34	0.30	16.62	16.62	14.04	28.91	16.24	6.69	0.77	0.68	0.15	0.24	0.24	6.90																		
Code for Cash Income Sources																																							
1	Kao Na	6	Fishes	11	Salary	16	Car transport	2	Kao Hai	7	Fuel wood	12	Wage	17	Sewing clothes	3	Vegetables	8	Timber	13	Business	18	Barber shop	4	Fruits	9	Forest vege./crops	14	Remittance	19	Hunting	5	Livestock/poultry	10	Handicraft	15	Teaching	20	Remittance from abroad

Table 3-3-7 Annual Average Cash Income of Sample Households by Sources

Village	Sample Hhold (No)	Average Annual Cash Income by Sources (1,000 Kip)																		Average			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		19	20	
Namon Area																							
1. Vangmiang	21	43.0	0.0	18.8	6.1	256.9	0.7	0.0	0.0	16.3	67.0	228.9	100.2	17.1	21.2	0.0	0.0	0.0	0.0	0.0	0.0	776.2	
2. Namon-Tai	31	15.3	0.0	57.7	5.8	70.0	2.9	0.0	0.0	3.9	30.5	495.8	98.9	163.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	947.9	
3. Namon-Nua	24	17.5	0.0	55.8	1.3	135.3	15.4	0.0	0.0	21.0	0.0	2.5	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130.6	388.3	
4. Phonsavang	22	12.5	0.0	18.2	5.7	180.5	20.5	0.0	0.0	8.6	30.9	138.2	156.8	922.8	1.4	0.0	0.0	0.0	0.0	0.0	45.5	1,541.4	
5. Phonkeo	28	4.3	0.0	12.8	4.2	152.0	11.1	0.0	0.0	34.3	0.0	17.1	10.4	107.1	6.9	0.0	0.0	0.0	0.0	0.0	80.0	440.3	
6. Ngiou	11	145.8	0.0	48.1	4.5	213.8	18.2	0.0	0.0	41.8	53.1	109.1	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	644.4	
7. Nalao	17	31.1	3.8	8.9	2.4	231.5	9.6	0.0	0.0	61.8	5.0	0.0	41.8	54.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	451.9	
8. Nakhom	7	35.0	0.0	78.6	57.1	20.0	15.0	0.0	0.0	14.3	7.1	409.7	130.0	34.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	801.1	
9. Phongnang	6	20.0	0.0	21.7	16.7	325.0	86.7	0.0	0.0	0.0	0.0	60.0	1.7	58.3	0.0	0.0	0.0	0.0	0.0	1.7	0.0	591.7	
10. Nangeun-Nua	10	0.0	0.0	94.0	8.0	124.0	0.0	0.0	0.0	3.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	246.0	
11. Nangeun-Tai	14	0.0	2.9	22.1	0.0	221.4	3.6	0.0	0.0	1.1	0.0	0.0	102.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.3	392.6	
12. Vanghva	23	10.4	0.0	50.4	0.9	100.2	23.5	1.3	0.0	11.3	177.7	196.9	223.5	182.6	0.0	0.0	0.0	0.0	0.0	0.0	4.3	983.1	
13. Houaysan	8	0.0	0.0	15.8	0.0	248.8	0.6	0.0	0.0	11.9	25.0	7.5	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	326.4	
14. Nampath-Nua	6	1.7	0.0	7.0	0.0	18.3	4.0	10.0	0.0	1.5	0.0	0.0	15.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	60.8	
Sub-total of Average	228	21.7	0.5	36.0	5.6	158.6	12.5	0.4	0.0	18.1	35.3	143.7	77.8	151.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	30.8	696.1
Somboun Area																							
1. Houaymo-Nua	11	9.1	0.0	11.3	19.1	95.5	5.5	3.2	0.0	31.8	1.8	120.0	254.5	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	588.1	
2. Houaymo-Tai	17	0.0	0.0	8.5	0.8	190.0	525.9	4.7	0.0	18.4	47.1	177.8	34.7	392.4	17.6	0.0	0.0	0.0	0.0	0.0	23.5	1,441.2	
3. Thahua-Nua	42	0.0	0.0	43.3	24.8	73.8	299.2	0.0	0.0	2.3	5.1	103.1	130.0	377.0	45.2	17.6	79.9	9.5	1.7	0.0	0.0	1,212.4	
4. Thahua-Tai	30	0.0	0.0	1.7	12.7	54.0	470.7	0.0	0.0	1.0	99.9	67.3	87.5	606.6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	1,409.3	
5. Houaypanom	45	0.0	0.0	2.8	1.1	70.6	99.8	1.1	0.0	2.4	233.4	97.1	72.0	58.2	14.0	0.0	0.0	0.0	0.0	0.0	0.0	652.5	
6. Somsanok	49	0.0	5.7	9.3	7.7	82.3	10.7	13.7	0.6	7.3	10.9	28.9	35.5	0.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	223.5	
7. Nampat	11	0.0	17.7	0.0	5.0	79.5	0.0	3.1	0.0	82.4	4.5	0.0	64.5	72.7	1.8	0.0	0.0	0.0	0.0	1.8	0.0	353.1	
8. Vangkhi	34	22.1	10.0	51.2	17.1	123.4	30.9	1.4	0.0	14.4	24.1	90.0	45.7	87.2	35.9	0.0	0.0	0.0	0.0	0.0	0.0	553.4	
9. Phonthong	7	24.3	2.5	19.4	9.1	127.1	10.0	1.7	0.0	0.0	0.0	0.0	50.0	85.7	34.3	0.0	0.0	0.0	0.0	0.0	0.0	364.2	
10. Taothan	16	0.0	15.9	11.3	27.5	137.8	18.1	0.0	0.0	64.1	1.9	18.8	114.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	410.2	
11. Nampath-Tai	8	0.0	0.0	1.3	0.0	155.6	63.8	0.0	0.0	46.0	1.9	0.0	0.0	62.5	6.3	2.5	0.0	0.0	0.0	0.0	0.0	339.8	
12. Houayxi	14	0.0	0.0	2.9	0.0	53.6	135.3	224.3	0.0	0.8	8.6	0.0	62.1	50.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	551.8	
13. Namphao	44	0.0	0.0	8.8	16.6	183.9	110.4	5.5	0.0	18.1	78.7	46.9	113.6	58.5	30.5	1.4	33.9	0.0	0.0	0.0	0.0	706.8	
14. Phakoup	23	0.0	0.0	0.9	10.9	131.3	554.4	2.6	0.0	0.0	23.9	3.4	37.4	68.6	18.8	0.0	0.0	0.0	0.0	0.0	0.0	852.2	
15. Sivilai	6	0.0	0.0	0.0	0.0	16.7	0.0	0.0	25.0	0.0	0.0	0.0	365.8	0.0	71.7	0.0	0.0	0.0	0.0	0.0	30.0	509.2	
Sub-total of Average	357	2.9	3.0	14.7	11.7	105.3	174.0	12.2	0.5	13.6	36.4	61.6	83.6	149.7	21.1	2.3	13.6	1.1	0.2	0.1	1.6	729.1	
Model Area Total or Ave.	585	10.2	2.0	23.0	9.3	126.0	111.1	7.6	0.3	15.4	48.1	93.6	81.3	150.2	14.5	1.4	8.3	0.7	0.1	0.1	1.3	716.2	

- Code for Cash Income Sources
- 1. Kao Na
 - 2. Kao Hai
 - 3. Vegetables
 - 4. Fruits
 - 5. Livestock/poultry
 - 6. Fishes
 - 7. Fuel wood
 - 8. Timber
 - 9. Forest vege./crops
 - 10. Handicraft
 - 11. Salary
 - 12. Wage
 - 13. Business
 - 14. Remittance
 - 15. Teaching
 - 16. Car transport
 - 17. Sewing clothes
 - 18. Barber shop
 - 19. Hunting
 - 20. Remittance from abroad

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-8 Drinking Water Sources of Sample Households

Village	Sample H'hold (No)	Wet Season						Dry Season							
		Piped water (%)	Spring water (%)	River (%)	Reser-voir (%)	Wells (%)	Rain water (%)	Others (%)	Piped water (%)	Spring water (%)	River (%)	Reser-voir (%)	Wells (%)	Rain water (%)	Others (%)
Namon Area															
1. Vangmiang	21	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
2. Namon-Tai	31	29.03	0.00	0.00	0.00	70.97	0.00	0.00	3.23	0.00	0.00	70.97	0.00	0.00	
3. Namon-Nua	24	50.00	0.00	8.33	0.00	41.67	0.00	0.00	4.17	0.00	0.00	45.83	0.00	0.00	
4. Phonsavang	22	4.55	0.00	0.00	0.00	90.91	0.00	4.55	0.00	0.00	0.00	90.91	0.00	4.55	
5. Phonkeo	28	28.57	0.00	3.57	0.00	67.86	0.00	0.00	3.57	0.00	0.00	57.14	0.00	0.00	
6. Ngrou	11	9.09	0.00	0.00	0.00	90.91	0.00	0.00	0.00	0.00	0.00	90.91	0.00	0.00	
7. Nalao	17	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
8. Nakhom	7	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
9. Phongnang	6	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
10. Nangeun-Nua	10	0.00	90.00	10.00	0.00	0.00	0.00	0.00	90.00	10.00	0.00	0.00	0.00	0.00	
11. Nangeun-Tai	14	0.00	0.00	0.00	0.00	14.29	0.00	85.71	0.00	0.00	0.00	14.29	0.00	85.71	
12. Vanghua	23	0.00	0.00	4.35	0.00	95.65	0.00	0.00	8.70	0.00	0.00	91.30	0.00	0.00	
13. Houaysan	8	0.00	50.00	50.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00	0.00	0.00	0.00	
14. Nampath-Nua	6	100.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
Sub-total or Average	228	16.23	5.70	3.95	0.00	68.42	0.00	5.70	17.11	5.70	4.39	67.11	0.00	5.70	
Somboun Area															
1. Houaymo-Nua	11	63.64	0.00	0.00	0.00	9.09	0.00	27.27	63.64	0.00	0.00	9.09	0.00	27.27	
2. Houaymo-Tai	17	82.35	0.00	5.88	5.88	0.00	0.00	5.88	82.35	0.00	5.88	0.00	0.00	5.88	
3. Thahua-Nua	42	52.38	0.00	0.00	0.00	11.90	35.71	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
4. Thahua-Tai	30	93.33	0.00	0.00	6.67	0.00	0.00	0.00	93.33	0.00	0.00	6.67	0.00	0.00	
5. Houaypamom	45	0.00	0.00	73.33	20.00	0.00	4.44	2.22	0.00	0.00	77.78	20.00	0.00	2.22	
6. Somsanouk	49	0.00	0.00	16.33	0.00	79.59	2.04	2.04	0.00	0.00	16.33	0.00	79.59	4.08	
7. Nampat	11	27.27	0.00	72.73	0.00	0.00	0.00	0.00	27.27	0.00	63.64	0.00	9.09	0.00	
8. Vangkhi	34	0.00	0.00	29.41	0.00	50.00	2.94	17.65	0.00	0.00	67.65	0.00	2.94	29.41	
9. Phonthong	7	0.00	0.00	71.43	0.00	0.00	28.57	0.00	0.00	0.00	85.71	0.00	14.29	0.00	
10. Taothan	16	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	93.75	0.00	6.25	0.00	
11. Nampath-Tai	8	25.00	0.00	50.00	12.50	0.00	12.50	0.00	50.00	0.00	50.00	0.00	0.00	0.00	
12. Houayxi	14	28.57	0.00	0.00	71.43	0.00	0.00	0.00	28.57	0.00	0.00	0.00	0.00	7.14	
13. Namphao	44	100.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
14. Phakoup	23	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	
15. Sivilai	6	0.00	0.00	0.00	0.00	33.33	66.67	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
Sub-total or Average	357	34.73	0.00	23.81	12.89	17.93	7.28	3.36	40.90	0.00	29.13	10.92	14.01	0.00	
Model Area Total or Ave.	585	27.52	2.22	16.07	7.86	37.61	4.44	4.27	31.62	2.22	19.49	6.67	34.70	5.30	

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-9 Distance to Drinking Water Source (Wells) by Seasons

Village	H'hold using Wells (No.)	Wet Season						Dry Season																
		< 10		10 - 19		20 - 29		30 - 59		Over 60		< 10		10 - 19		20 - 29		30 - 59		Over 60				
		H'hold Responded (No.)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	H'hold Responded (No.)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	H'hold Responded (No.)	Min. (%)	Min. (%)	Min. (%)	H'hold Responded (No.)	Min. (%)	Min. (%)	Min. (%)	H'hold Responded (No.)	Min. (%)	Min. (%)	
Namoun Area																								
1. Vangmiang	21	21	33.33	57.14	9.52	0.00	0.00	0.00	21	23.81	38.10	35.33	4.76	0.00	0.00	21	23.81	38.10	35.33	4.76	0.00	0.00	0.00	
2. Namon-Tai	22	22	31.82	45.45	4.55	18.18	0.00	0.00	22	22.73	50.00	9.09	18.18	0.00	0.00	22	22.73	50.00	9.09	18.18	0.00	0.00	0.00	
3. Namon-Nua	11	10	30.00	70.00	0.00	0.00	0.00	0.00	11	18.18	72.73	9.09	0.00	0.00	0.00	11	18.18	72.73	9.09	0.00	0.00	0.00	0.00	
4. Phonsavang	20	20	50.00	30.00	15.00	5.00	0.00	0.00	20	45.00	30.00	20.00	0.00	5.00	0.00	20	45.00	30.00	20.00	0.00	5.00	0.00	0.00	
5. Phonkeo	19	19	21.05	42.11	31.58	5.26	0.00	0.00	16	6.25	25.00	62.50	0.00	6.25	0.00	16	6.25	25.00	62.50	0.00	6.25	0.00	0.00	
6. Ngiou	10	10	20.00	60.00	20.00	0.00	0.00	0.00	10	20.00	60.00	20.00	0.00	0.00	0.00	10	20.00	60.00	20.00	0.00	0.00	0.00	0.00	
7. Nalao	17	17	58.82	35.29	5.88	0.00	0.00	0.00	17	52.94	41.18	5.88	0.00	0.00	0.00	17	52.94	41.18	5.88	0.00	0.00	0.00	0.00	
8. Nakhom	7	7	42.86	28.57	28.57	0.00	0.00	0.00	7	42.86	0.00	28.57	0.00	0.00	0.00	7	42.86	0.00	28.57	0.00	0.00	0.00	0.00	
9. Phongnang	6	6	33.33	50.00	16.67	0.00	0.00	0.00	6	16.67	50.00	33.33	0.00	0.00	0.00	6	16.67	50.00	33.33	0.00	0.00	0.00	0.00	
10. Nangeun-Nua	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11. Nangeun-Tai	2	2	0.00	0.00	100.00	0.00	0.00	0.00	2	0.00	0.00	100.00	0.00	0.00	0.00	2	0.00	0.00	100.00	0.00	0.00	0.00	0.00	
12. Vanghua	22	22	27.27	59.09	13.64	0.00	0.00	0.00	21	19.05	28.57	47.62	4.76	0.00	0.00	21	19.05	28.57	47.62	4.76	0.00	0.00	0.00	
13. Houaysan	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14. Nampath-Nua	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sub-total or Average	157	156	34.62	46.79	14.74	3.85	0.00	0.00	153	26.80	38.56	28.10	5.23	1.31	153	26.80	38.56	28.10	5.23	1.31	1.31	0.00	0.00	
Somboun Area																								
1. Houaymo-Nua	1	1	100.00	0.00	0.00	0.00	0.00	0.00	1	100.00	0.00	0.00	0.00	0.00	0.00	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3. Thahua-Nua	5	5	40.00	40.00	0.00	20.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4. Thahua-Tai	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5. Houaypanom	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6. Somsanouk	39	39	5.13	23.08	53.85	17.95	0.00	0.00	39	5.13	17.95	15.38	56.41	5.13	0.00	39	5.13	17.95	15.38	56.41	5.13	0.00	0.00	
7. Nampat	1	0	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	100.00	0.00	0.00	1	0.00	0.00	0.00	100.00	0.00	0.00	0.00	
8. Vangkhi	18	17	0.00	35.29	52.94	11.76	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9. Phonthong	1	0	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10. Taotuan	1	0	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11. Nampath-Tai	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12. Houayxi	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13. Namphao	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14. Phakoup	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15. Sivilai	6	2	0.00	0.00	0.00	50.00	0.00	0.00	6	0.00	50.00	33.33	16.67	0.00	0.00	6	0.00	50.00	33.33	16.67	0.00	0.00	0.00	
Sub-total or Average	72	64	7.81	26.56	46.88	17.19	0.00	0.00	50	6.00	24.00	16.00	50.00	4.00	0.00	50	6.00	24.00	16.00	50.00	4.00	0.00	0.00	
Model Area Total or Ave.	229	220	26.82	40.91	24.09	7.73	0.00	0.00	203	21.67	34.98	25.12	16.26	1.97	203	21.67	34.98	25.12	16.26	1.97	1.97	0.00	0.00	

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-10 Distance to Drinking Water Source (Piped Water) by Seasons

Village	Hhold using Pipe Water (No.)	Hhold Responded (No.)	Wet Season				Dry Season				Over 60 Min. (%)	Over 60 Min. (%)		
			< 10 Min. (%)	10 - 19 Min. (%)	20 - 29 Min. (%)	30 - 59 Min. (%)	Over 60 Min. (%)	Hhold Responded (No.)	< 10 Min. (%)	10 - 19 Min. (%)			20 - 29 Min. (%)	30 - 59 Min. (%)
Namoun Area														
1. Vangmiang	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2. Namon-Tai	9	9	22.22	44.44	33.33	0.00	0.00	0.00	0.00	50.00	25.00	25.00		
3. Namon-Nua	13	12	50.00	50.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00		
4. Phonsavang	1	1	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		
5. Phonkeo	11	8	37.50	50.00	0.00	12.50	0.00	0.00	0.00	27.27	18.18	9.09		
6. Ngiou	1	1	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
7. Nalao	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
8. Nakhom	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
9. Phongnang	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10. Nangeun-Nua	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
11. Nangeun-Tai	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
12. Vanghua	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
13. Houaysan	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
14. Nampath-Nua	6	6	33.33	33.33	33.33	0.00	0.00	0.00	0.00	33.33	50.00	0.00		
Sub-total or Average	41	37	35.14	45.95	16.22	2.70	0.00	0.00	20.51	30.77	10.26	7.69		
Somboun Area														
1. Houaymo-Nua	7	7	42.86	42.86	14.29	0.00	0.00	0.00	14.29	71.43	0.00	0.00		
2. Houaymo-Tai	14	14	64.29	28.57	7.14	0.00	0.00	0.00	64.29	28.57	0.00	0.00		
3. Thahua-Nua	42	22	0.00	4.55	40.91	22.73	31.82	0.00	0.00	0.00	47.62	38.10		
4. Thahua-Tai	28	28	3.57	25.00	57.14	14.29	0.00	0.00	0.00	25.00	14.29	0.00		
5. Houaypamom	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6. Somsanouk	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
7. Nampat	3	3	0.00	0.00	66.67	33.33	0.00	0.00	0.00	0.00	33.33	66.67		
8. Vangkhi	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
9. Phonthong	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10. Taothan	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
11. Nampath-Tai	4	2	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	25.00	75.00		
12. Houayxi	4	4	0.00	0.00	0.00	75.00	25.00	0.00	0.00	0.00	75.00	25.00		
13. Namphao	44	44	0.00	0.00	65.91	6.82	0.00	0.00	0.00	11.36	63.64	25.00		
14. Phakoup	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
15. Sivilai	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Sub-total or Average	146	124	10.48	21.77	46.77	14.52	6.45	6.85	14.38	14.38	27.40	15.07		
Model Area Total or Ave.	187	161	16.15	27.33	39.75	11.80	4.97	9.73	17.84	35.14	23.78	13.51		

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-11 Distance to Drinking Water Source (River) by Seasons

Village	Hhold using River (No.)	Wet Season						Dry Season													
		< 10		10 - 19		20 - 29		30 - 59		Over 60		< 10		10 - 19		20 - 29		30 - 59		Over 60	
		Hhold Responded (No.)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Over 60 Min. (%)	Hhold Responded (No.)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)	Min. (%)
Namom Area																					
1. Vangmiang	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Namon-Tai	1	0	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Namon-Nua	2	2	50.00	0.00	0.00	0.00	0.00	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Phonsavang	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Phonkeo	1	1	0.00	0.00	100.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Ngiou	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nalao	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Nakhom	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phongnang	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Nangeun-Nua	1	1	100.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nangeun-Tai	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Vanghua	2	1	0.00	100.00	0.00	0.00	0.00	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Houaysan	4	4	75.00	0.00	25.00	0.00	0.00	4	75.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	11	9	55.56	22.22	22.22	0.00	0.00	10	50.00	20.00	20.00	20.00	10.00	20.00	20.00	20.00	10.00	10.00	10.00	10.00	0.00
Somboun Area																					
1. Houaymo-Nua	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	1	1	100.00	0.00	0.00	0.00	0.00	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Thahua-Nua	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Thahua-Tai	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Houaypamom	35	33	0.00	6.06	18.18	72.73	3.03	35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	20.00	0.00	0.00	0.00	2.86
6. Somsanouk	8	8	0.00	25.00	75.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	75.00	0.00	0.00	0.00	0.00
7. Nampat	8	8	0.00	0.00	25.00	75.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.57	71.43	0.00	0.00	0.00
8. Vangchi	25	10	0.00	10.00	40.00	50.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.70	26.09	56.52	8.70	0.00	0.00
9. Phonthong	7	5	0.00	80.00	0.00	20.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	16.67	33.33	33.33	0.00	0.00
10. Taotban	16	16	0.00	12.50	56.25	31.25	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.67	33.33	53.33	53.33	6.67	0.00
11. Nampath-Tai	4	4	0.00	25.00	75.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	9	0	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.78	11.11	11.11	11.11	0.00
13. Namphao	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Phakoup	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Sivilai	0	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	113	85	1.18	14.12	35.29	48.24	1.18	104	0.96	9.62	32.69	51.92	4.81	9.62	32.69	51.92	4.81	9.62	32.69	51.92	4.81
Model Area Total or Ave.	124	94	6.38	14.89	34.04	43.62	1.06	114	5.26	10.53	31.58	48.25	4.39	10.53	31.58	48.25	4.39	10.53	31.58	48.25	4.39

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-12 Sufficiency of Drinking Water (All Sources) by Seasons

Village	Sample Hhold (No.)	Wet Season			Dry Season			Very Short (%)
		Suffi- cient (%)	Just Enough (%)	Short (%)	Suffi- cient (%)	Just Enough (%)	Short (%)	
Namoun Area								
1. Vangmiang	21	95.24	4.76	0.00	52.38	9.52	33.33	4.76
2. Namon-Tai	31	90.32	9.68	0.00	64.52	6.45	25.81	3.23
3. Namon-Nua	24	100.00	0.00	0.00	79.17	20.83	0.00	0.00
4. Phonsavang	22	90.91	0.00	9.09	72.73	4.55	22.73	0.00
5. Phonkeo	28	92.86	7.14	0.00	21.43	53.57	25.00	0.00
6. Ngiou	11	100.00	0.00	0.00	63.64	27.27	9.09	0.00
7. Nalao	17	100.00	0.00	0.00	100.00	0.00	0.00	0.00
8. Nakhom	7	71.43	28.57	0.00	71.43	28.57	0.00	0.00
9. Phongnang	6	100.00	0.00	0.00	0.00	16.67	83.33	0.00
10. Nangeun-Nua	10	80.00	20.00	0.00	50.00	50.00	0.00	0.00
11. Nangeun-Tai	14	100.00	0.00	0.00	21.43	50.00	28.57	0.00
12. Vanghua	23	91.30	8.70	0.00	13.04	17.39	69.57	0.00
13. Houaysan	8	100.00	0.00	0.00	50.00	50.00	0.00	0.00
14. Nampath-Nua	6	83.33	16.67	0.00	16.67	0.00	83.33	0.00
Sub-total or Average	228	93.42	5.70	0.88	51.32	22.37	25.44	0.88
Somboun Area								
1. Houaymo-Nua	11	100.00	0.00	0.00	81.82	18.18	0.00	0.00
2. Houaymo-Tai	17	100.00	0.00	0.00	76.47	17.65	5.88	0.00
3. Thahua-Nua	42	50.00	35.71	14.29	2.38	11.90	52.38	33.33
4. Thahua-Tai	30	53.33	46.67	0.00	10.00	76.67	0.00	13.33
5. Houaypanom	45	95.56	0.00	2.22	71.11	24.44	4.44	0.00
6. Somsanouk	49	65.31	30.61	2.04	8.16	16.33	51.02	24.49
7. Nampat	11	90.91	0.00	9.09	27.27	0.00	72.73	0.00
8. Vangkhi	34	70.59	17.65	5.88	41.18	29.41	26.47	2.94
9. Phonthong	7	85.71	0.00	14.29	0.00	28.57	57.14	14.29
10. Taothan	16	75.00	18.75	0.00	6.25	0.00	75.00	18.75
11. Nampath-Tai	8	50.00	50.00	0.00	25.00	25.00	37.50	12.50
12. Houayxi	14	78.57	21.43	0.00	7.14	28.57	64.29	0.00
13. Namphao	44	52.27	29.55	18.18	29.55	52.27	18.18	0.00
14. Phakoup	23	100.00	0.00	0.00	100.00	0.00	0.00	0.00
15. Sivilai	6	50.00	16.67	33.33	0.00	16.67	83.33	0.00
Sub-total or Average	357	71.71	20.73	6.16	33.33	26.33	30.25	10.08
Model Area Total or Ave.	585	80.17	14.87	4.10	40.34	24.79	28.38	6.50

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-14 Annual Fuelwood Consumption and Expenditure

Village	Sample H/hold (No.)	Consumption per HH (La/year)		Average H/hold Size (pm) #1	Per Capita Consumption (La/yr)	Average H/hold Size (pm) #2	Per Capita Consumption (La/yr)	Expenditure for Own Harvest (Kip/La)	Expenditure for Purchasing (Kip/La)	Responded HH	Expenditure for Own Harvest (Kip/HH)	Responded HH	Expenditure for Purchasing (Kip/HH)
		Own Harvest	Total										
Namoun Area													
1. Vangmiang	21	6.1	6.5	6.05	1.10	5.90	1.10	850	5,788	1	850	1	1,000
2. Namon-Tai	31	5.8	7.3	6.16	1.20	6.13	1.20	1,040	6,497	6	1,040	6	3,050
3. Namon-Nua	24	5.8	5.8	6.08	0.90	6.08	0.90	0	0	0	0	0	0
4. Phonsavang	22	3.2	8.9	6.32	1.40	6.05	1.50	500	4,000	13	500	13	2,692
5. Phonkeo	28	7.0	7.1	7.18	1.00	7.11	1.00	1,093	8,487	1	1,093	1	3,000
6. Ngiou	11	6.9	6.9	6.64	1.00	6.55	1.10	700	5,100	0	700	0	0
7. Nalao	17	7.4	7.4	6.47	1.10	6.41	1.10	583	5,450	0	583	0	0
8. Nakhom	7	6.7	6.7	7.00	1.00	6.43	1.00	833	5,000	0	833	0	0
9. Phonngang	6	4.3	4.3	6.83	0.60	6.67	0.70	0	0	0	0	0	0
10. Nangoun-Nua	10	5.2	5.2	6.10	0.90	6.10	0.90	0	0	0	0	0	0
11. Nangoun-Tai	14	6.0	6.0	7.64	0.80	7.64	0.80	83	700	0	83	0	0
12. Vangnua	23	7.1	8.2	6.04	1.40	6.00	1.40	817	6,767	3	817	3	3,500
13. Houaysan	8	5.8	5.8	6.38	0.90	6.25	0.90	0	0	0	0	0	0
14. Nampath-Nua	6	4.0	4.0	4.00	1.00	4.00	1.00	0	0	0	0	0	0
Sub-total or Average	228	6.0	6.9	6.40	1.10	6.31	1.10	865	6,283	24	865	24	2,825
Somboun Area													
1. Houaymo-Nua	11	7.5	8.0	6.73	1.20	6.73	1.20	0	0	1	0	1	2,500
2. Houaymo-Tai	17	8.5	9.1	7.53	1.20	7.47	1.20	0	0	1	0	1	2,500
3. Thahua-Nua	42	16.5	19.1	6.79	2.80	6.21	3.10	2,200	13,200	6	2,200	6	2,533
4. Thahua-Tai	30	8.7	9.9	6.07	1.60	6.03	1.60	0	0	3	0	3	2,167
5. Houaypanom	45	13.3	13.3	6.31	2.10	6.29	2.10	0	0	0	0	0	0
6. Somsanouk	49	11.6	11.6	5.92	2.00	5.90	2.00	0	0	0	0	0	0
7. Nampat	11	14.4	14.4	6.82	2.10	6.82	2.10	0	0	0	0	0	0
8. Vangkhi	34	15.8	16.1	5.65	2.90	5.47	2.90	0	0	2	0	2	2,800
9. Phonthong	7	21.1	22.6	5.57	4.10	5.29	4.30	0	0	1	0	1	2,000
10. Taathan	16	10.7	10.7	5.94	1.80	5.69	1.90	0	0	0	0	0	0
11. Nampath-Tai	8	17.8	17.8	5.63	3.20	5.00	3.60	0	0	0	0	0	0
12. Houayxi	14	14.1	14.1	5.64	2.50	5.64	2.50	0	0	0	0	0	0
13. Namphao	44	12.5	12.5	7.52	1.70	7.23	1.70	0	0	0	0	0	0
14. Phakoup	23	18.2	18.2	5.87	3.10	5.74	3.20	0	0	0	0	0	0
15. Sivilai	6	12.7	12.7	3.00	4.20	3.00	4.20	0	0	0	0	0	0
Sub-total or Average	357	13.3	13.8	6.31	2.20	6.14	2.20	2,200	13,200	14	2,200	14	2,450
Model Area Total or Ave.	585	10.4	11.1	6.34	1.70	6.20	1.80	886	6,393	38	886	38	2,687

1 : Including household members who are absent for more than four months in a year

2 : Excluding household members who are absent for more than four months in a year

Table 3-3-15 One Way Distance to Fuelwood Forest and/or Slash and Burn Areas by Ethnic Groups

Village	Sample H/hold (No.)	Overall						Lao Sung						Lao Theung						Lao Lum						
		First Source		Second Source		Average		First Source		Second Source		Average		First Source		Second Source		Average		First Source		Second Source		Average		
		ded HH (No.)	(Minu.)	ded HH (No.)	(Minu.)	Distance (No.)	(Minu.)	ded HH (No.)	(Minu.)	ded HH (No.)	(Minu.)	Distance (No.)	(Minu.)	ded HH (No.)	(Minu.)	ded HH (No.)	(Minu.)	Distance (No.)	(Minu.)	ded HH (No.)	(Minu.)	ded HH (No.)	(Minu.)	Distance (No.)	(Minu.)	
Namoun Area																										
1. Vangmiang	21	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	39	0	0	0	0	0
2. Namon-Tai	31	26	73	3	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	71	2	2	95	0	0
3. Namon-Nua	24	24	37	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Phonsavang	22	14	63	0	0	1	30	0	0	0	0	0	0	0	0	0	0	0	0	13	65	0	0	0	0	0
5. Phonkeo	28	28	53	1	60	28	53	1	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Ngiou	11	11	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	37	0	0	0	0	0
7. Nalao	17	17	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	24	0	0	0	0	0
8. Nakhom	7	7	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	34	0	0	0	0	0
9. Phongnang	6	6	55	2	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	55	2	2	120	0	0
10. Nangeun-Nua	10	10	22	0	0	10	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Nangeun-Tai	14	14	34	0	0	14	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Vanghua	23	22	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	47	0	0	0	0	0
13. Houaysan	8	8	26	4	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	26	4	4	29	0	0
14. Nampath-Nua	6	6	31	2	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	45	0	0	0	0	0
Sub-total or Average	228	213	44	12	73	77	40	1	60	21	35	55	115	48	4	108										
Somboun Area																										
1. Houaymo-Nua	11	11	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	33	0	0	0	0	0
2. Houaymo-Tai	17	17	44	0	0	1	15	0	0	0	0	0	0	0	0	0	0	0	0	3	33	0	0	0	0	0
3. Thahua-Nua	42	38	50	9	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	64	4	83	31	46	5
4. Thahua-Tai	30	27	73	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	120	0	0	26	71	1
5. Houaypanom	45	45	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	46	0	0	0	0	0
6. Somsanouk	49	49	70	7	31	22	63	3	28	2	90	0	0	0	0	0	0	0	0	25	74	4	33	0	0	0
7. Nampat	11	11	37	3	15	0	0	0	0	11	37	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Vangkhi	34	34	76	5	44	0	0	0	0	2	75	1	60	32	76	4	40	0	0	7	62	2	25	30	0	0
9. Phonithong	7	7	62	2	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	60	3	83	2	45	1
10. Taotban	16	16	58	4	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	98	1	10	0	0	0
11. Nampath-Tai	8	7	67	7	98	0	0	0	0	6	77	6	39	4	30	0	0	0	0	8	39	6	30	3	27	0
12. Houayxi	14	13	36	10	35	1	30	1	30	8	44	2	25	37	9	43	0	0	0	15	44	2	25	37	9	43
13. Namphao	44	39	40	11	40	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Phakoup	23	21	27	9	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Sivilai	6	6	28	0	0	6	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-total or Average	357	341	56	68	51	31	52	4	29	86	51	26	64	224	58	44										
Model Area Total or Ave.	585	554	51	80	54	108	44	5	35	107	48	33	62	339	55	42										

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-16 Availability of Fuelwood by Ethnic Groups

Village	Sample H/hold (No.)	User HH (No.)	Overall			Lao Sung			Lao Theung			Lao Lum					
			Ease-ly Avail. (%)	Difficult (%)	Very Difficult (%)	User HH (No.)	Ease-ly Avail. (%)	Difficult (%)	Very Difficult (%)	User HH (No.)	Ease-ly Avail. (%)	Difficult (%)	Very Difficult (%)	User HH (No.)	Ease-ly Avail. (%)	Difficult (%)	Very Difficult (%)
Namon Area																	
1. Vangmiang	21	21	66.7	33.3	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	66.7	33.3	0.0
2. Namon-Tai	31	31	87.1	12.9	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28	85.7	14.3	0.0
3. Namon-Nua	24	24	87.5	12.5	0.0	24	87.5	12.5	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
4. Phonsavang	22	22	22.7	54.6	18.2	3	33.3	33.3	33.3	0.0	0.0	0.0	0.0	19	21.1	57.9	15.8
5. Phonkeo	28	28	60.7	39.3	0.0	28	60.7	39.3	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
6. Ngiou	11	11	100.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	100.0	0.0	0.0
7. Nalao	17	17	94.1	5.9	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	92.3	7.7	0.0
8. Nakhom	7	7	85.7	14.3	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7	85.7	14.3	0.0
9. Phongnang	6	6	83.3	16.7	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6	83.3	16.7	0.0
10. Nangoun-Nua	10	10	90.0	10.0	0.0	10	90.0	10.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
11. Nangoun-Tai	14	14	85.7	14.3	0.0	14	85.7	14.3	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
12. Vangnua	23	23	39.1	60.9	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	39.1	60.9	0.0
13. Houaysan	8	8	100.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
14. Nampath-Nua	6	6	83.3	16.7	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Sub-total or Average	228	228	72.4	25.4	1.8	79	76.0	22.8	1.3	21	95.2	4.8	0.0	128	66.4	30.5	2.3
Somboun Area																	
1. Houaymo-Nua	11	11	63.6	36.4	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9	66.7	33.3	0.0
2. Houaymo-Tai	17	17	52.9	47.1	0.0	1	100.0	0.0	0.0	0.0	0.0	0.0	0.0	3	66.7	33.3	0.0
3. Thahua-Nua	42	42	97.6	2.4	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7	100.0	0.0	0.0
4. Thahua-Tai	30	30	100.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	100.0	0.0	0.0
5. Houaypamom	45	45	80.0	20.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	62.5	37.5	0.0
6. Somsanouk	49	49	85.7	14.3	0.0	22	100.0	0.0	0.0	0.0	0.0	0.0	0.0	2	100.0	0.0	0.0
7. Nampat	11	11	90.9	9.1	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	90.9	9.1	0.0
8. Vangkhi	34	34	85.3	14.7	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	50.0	50.0	0.0
9. Phonthong	7	7	85.7	14.3	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
10. Taothan	16	16	81.3	18.8	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	78.6	21.4	0.0
11. Nampath-Tai	8	8	100.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7	100.0	0.0	0.0
12. Houayxi	14	14	100.0	0.0	0.0	1	100.0	0.0	0.0	0.0	0.0	0.0	0.0	4	100.0	0.0	0.0
13. Namphao	44	44	95.5	2.3	0.0	1	100.0	0.0	0.0	0.0	0.0	0.0	0.0	17	94.1	5.9	0.0
14. Phakoup	23	23	100.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	100.0	0.0	0.0
15. Sivilai	6	6	83.3	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Sub-total or Average	357	357	88.2	11.2	0.0	31	96.8	0.0	0.0	0.0	90	85.6	14.4	236	88.1	11.4	0.0
Model Area Total or Ave.	585	585	82.1	16.8	0.7	110	81.8	16.4	0.9	111	87.4	12.6	0.0	364	80.5	18.1	0.8

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-17 Food Condition/ Availability of Sample Households - Cereals

Village	Sample Household (No.)	Availability				Shortage Months in a Year				Average (Month)	STD (Month)
		More than Enough (%)	Just Enough (%)	Not Enough (%)	More than 10 (%)	7 to 9 Months (%)	4 to 6 Months (%)	Up to 3 Months (%)	No Shortage (%)		
Namom Area											
1. Vangmiang	21	33.33	19.05	47.62	0.00	0.00	9.52	38.10	52.38	2.50	1.60
2. Namon-Tai	31	9.68	25.81	64.52	32.26	3.23	9.68	19.35	35.48	7.80	4.60
3. Namon-Nua	24	8.33	70.83	20.83	0.00	0.00	12.50	8.33	79.17	3.40	1.40
4. Phonsavang	22	4.55	27.27	68.18	27.27	0.00	27.27	13.64	31.82	7.40	3.90
5. Phonkeo	28	17.86	42.86	39.29	0.00	0.00	25.00	10.71	64.29	4.60	1.40
6. Ngou	11	63.64	27.27	9.09	0.00	0.00	0.00	9.09	90.91	1.00	0.00
7. Nalao	17	41.18	29.41	29.41	5.88	11.76	0.00	11.76	70.59	6.20	4.20
8. Nakhom	7	42.86	14.29	42.86	14.29	0.00	0.00	28.57	57.14	5.30	4.80
9. Phongnang	6	33.33	33.33	33.33	0.00	0.00	16.67	16.67	66.67	3.50	1.50
10. Nangeun-Nua	10	0.00	60.00	40.00	0.00	0.00	0.00	40.00	60.00	2.30	0.80
11. Nangeun-Tai	14	7.14	21.43	71.43	7.14	0.00	7.14	50.00	35.71	3.00	2.90
12. Vanghua	23	4.35	30.43	65.22	21.74	0.00	30.43	13.04	34.78	6.70	3.50
13. Houaysan	8	0.00	25.00	75.00	12.50	37.50	25.00	12.50	12.50	6.30	3.10
14. Nampath-Nua	6	0.00	33.33	66.67	0.00	16.67	16.67	33.33	33.33	4.80	2.70
Sub-total or Average	228	17.11	34.21	48.68	10.96	3.07	14.47	19.74	51.75	5.50	3.90
Somboun Area											
1. Houaymo-Nua	11	9.09	27.27	63.64	9.09	27.27	18.18	18.18	27.27	6.10	2.70
2. Houaymo-Tai	17	5.88	0.00	94.12	58.82	17.65	11.76	11.76	0.00	9.10	3.30
3. Thahua-Nua	42	2.38	4.76	92.86	71.43	2.38	14.29	4.76	7.14	10.30	3.10
4. Thahua-Tai	30	23.33	3.33	73.33	60.00	3.33	10.00	3.33	23.33	10.40	2.90
5. Houaypamom	45	26.67	8.89	64.44	37.78	6.67	13.33	8.89	33.33	8.30	3.60
6. Somsanouk	49	22.45	24.49	53.06	12.24	14.29	14.29	16.33	42.86	6.00	3.70
7. Nampat	11	36.36	18.18	45.45	9.09	0.00	9.09	27.27	54.55	4.80	3.20
8. Vangkhi	34	14.71	35.29	50.00	11.76	8.82	23.53	14.71	41.18	6.30	3.30
9. Phonthong	7	42.86	0.00	57.14	14.29	0.00	14.29	28.57	42.86	5.00	3.10
10. Taathan	16	12.50	37.50	50.00	0.00	12.50	25.00	12.50	50.00	5.40	1.90
11. Nampath-Tai	8	12.50	12.50	75.00	0.00	0.00	62.50	12.50	25.00	4.50	1.10
12. Houayxi	14	0.00	0.00	100.00	28.57	42.86	14.29	14.29	0.00	8.10	3.10
13. Namphao	44	0.00	9.09	90.91	15.91	31.82	22.73	20.45	9.09	6.70	3.20
14. Phakoup	23	17.39	0.00	82.61	17.39	21.74	17.39	26.09	17.39	6.40	3.10
15. Sivilai	6	0.00	16.67	83.33	50.00	33.33	16.67	0.00	0.00	9.00	2.80
Sub-total or Average	357	14.57	13.45	71.99	29.69	14.01	17.37	13.75	25.21	7.70	3.70
Model Area Total or Ave.	585	15.56	21.54	62.91	22.39	9.74	16.24	16.07	35.56	7.10	3.90

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-18 Food Condition/ Availability of Sample Households - Roots and Tuber Crops

Village	Sample Household (No.)	Availability				Shortage Months in a Year				Average (Month)	STD (Month)
		More than Enough (%)	Just Enough (%)	Not Enough (%)	More than 10 (%)	7 to 9 Months (%)	4 to 6 Months (%)	Up to 3 Months (%)	No Shortage (%)		
Namoun Area											
1. Vangmiang	21	9.52	80.95	9.52	0.00	0.00	9.52	0.00	90.48	6.00	0.00
2. Namoun-Tai	31	0.00	74.19	25.81	3.23	3.23	19.35	0.00	74.19	7.00	2.00
3. Namoun-Nua	24	8.33	91.67	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
4. Phonsavang	22	4.55	63.64	31.82	22.73	4.55	4.55	0.00	68.18	10.40	2.10
5. Phonkeo	28	0.00	100.00	0.00	0.00	0.00	27.27	0.00	100.00	6.00	0.00
6. Ngiou	11	18.18	54.55	27.27	0.00	0.00	0.00	0.00	72.73	6.00	0.00
7. Nalao	17	35.29	64.71	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
8. Nakhom	7	42.86	57.14	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
9. Phongnang	6	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
10. Nangeun-Nua	10	10.00	90.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
11. Nangeun-Tai	14	21.43	78.57	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
12. Vanghua	23	8.70	78.26	13.04	4.35	4.35	0.00	4.35	86.96	7.70	3.70
13. Houaysan	8	25.00	75.00	0.00	0.00	0.00	0.00	0.00	100.00	6.00	0.00
14. Nampath-Nua	6	16.67	66.67	16.67	0.00	0.00	16.67	0.00	83.33	6.00	0.00
Sub-total or Average	228	10.96	78.51	10.53	3.07	1.32	5.70	0.44	89.47	7.80	2.70
Somboun Area											
1. Houaymo-Nua	11	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
2. Houaymo-Tai	17	5.88	64.71	29.41	11.76	0.00	17.65	0.00	70.59	7.80	3.40
3. Thahua-Nua	42	0.00	16.67	83.33	57.14	26.19	0.00	0.00	16.67	10.90	1.50
4. Thahua-Tai	30	0.00	16.67	83.33	26.67	0.00	60.00	0.00	13.33	7.60	3.00
5. Houaypanom	45	4.44	80.00	15.56	2.22	8.89	11.11	2.22	75.56	7.00	2.70
6. Somsanouk	49	6.12	46.94	46.94	0.00	0.00	44.90	2.04	53.06	5.50	0.90
7. Nampat	11	0.00	54.55	45.45	0.00	0.00	36.36	0.00	63.64	5.50	0.90
8. Vangkhi	34	8.82	32.35	58.82	0.00	8.82	38.24	17.65	35.29	5.00	1.60
9. Phonthong	7	14.29	57.14	28.57	0.00	0.00	28.57	0.00	71.43	5.50	0.50
10. Taothan	16	0.00	75.00	25.00	12.50	6.25	6.25	6.25	68.75	7.60	3.10
11. Nampath-Tai	8	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
12. Houayxi	14	0.00	100.00	0.00	0.00	0.00	7.14	0.00	92.86	6.00	0.00
13. Namphao	44	0.00	88.64	11.36	11.36	0.00	0.00	0.00	88.64	12.00	0.00
14. Phakoup	23	0.00	95.65	4.35	4.35	0.00	0.00	0.00	95.65	12.00	0.00
15. Sivilai	6	0.00	50.00	50.00	50.00	0.00	0.00	0.00	50.00	12.00	0.00
Sub-total or Average	357	2.80	59.38	37.82	12.89	5.32	19.33	2.52	59.94	7.80	3.10
Model Area Total or Ave.	585	5.98	66.84	27.18	9.06	3.76	14.02	1.71	71.45	7.80	3.10

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-19 Food Condition/ Availability of Sample Households - Vegetables

Village	Sample H/hold (No.)	Availability			Shortage Months in a Year					Average (Month)	STD (Month)	
		More than Enough (%)	Just Enough (%)	Not Enough (%)	More than 10 (%)	7 to 9 Months (%)	4 to 6 Months (%)	Up to 3 Months (%)	No Shortage (%)			
Namom Area												
1. Vangmiang	21	9.52	80.95	9.52	0.00	0.00	9.52	0.00	0.00	90.48	6.00	0.00
2. Namon-Tai	31	41.94	32.26	25.81	9.68	0.00	16.13	0.00	0.00	74.19	7.80	2.90
3. Namon-Nua	24	50.00	45.83	4.17	0.00	0.00	0.00	4.17	0.00	95.83	2.00	0.00
4. Phonsavang	22	4.55	50.00	45.45	31.82	4.55	4.55	0.00	0.00	59.09	10.80	2.10
5. Phonkeo	28	25.00	71.43	3.57	3.57	0.00	0.00	0.00	0.00	96.43	10.00	0.00
6. Ngiou	11	45.45	36.36	18.18	0.00	9.09	9.09	0.00	0.00	81.82	6.50	0.50
7. Nalao	17	17.65	82.35	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
8. Nakhom	7	28.57	71.43	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
9. Phongnang	6	16.67	66.67	16.67	0.00	16.67	0.00	0.00	0.00	83.33	8.00	0.00
10. Nangeun-Nua	10	10.00	90.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
11. Nangeun-Tai	14	21.43	78.57	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
12. Vanghua	23	26.09	65.22	8.70	0.00	0.00	4.35	4.35	0.00	91.30	4.00	2.00
13. Houaysan	8	62.50	37.50	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
14. Nampath-Nua	6	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
Sub-total or Average	228	28.07	60.09	11.84	4.82	1.32	4.39	0.88	0.88	88.60	8.20	3.20
Somboun Area												
1. Houaymo-Nua	11	27.27	72.73	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
2. Houaymo-Tai	17	5.88	64.71	29.41	11.76	0.00	17.65	0.00	0.00	70.59	7.00	2.40
3. Thahua-Nua	42	2.38	9.52	88.10	83.33	2.38	2.38	0.00	0.00	11.90	11.70	1.40
4. Thahua-Tai	30	30.00	10.00	60.00	36.67	0.00	23.33	0.00	0.00	40.00	9.40	3.30
5. Houaypamom	45	26.67	46.67	26.67	2.22	6.67	13.33	2.22	2.22	75.56	7.00	2.30
6. Somsanouk	49	26.53	38.78	34.69	0.00	0.00	14.29	20.41	20.41	65.31	4.20	1.40
7. Nampat	11	27.27	18.18	54.55	0.00	0.00	18.18	18.18	18.18	63.64	3.80	1.50
8. Vangkh	34	29.41	26.47	44.12	5.88	5.88	26.47	5.88	5.88	55.88	5.50	2.90
9. Phonthong	7	42.86	28.57	28.57	0.00	0.00	14.29	14.29	14.29	71.43	4.50	1.50
10. Taothan	16	6.25	56.25	37.50	25.00	6.25	0.00	6.25	6.25	62.50	8.50	3.30
11. Nampath-Tai	8	0.00	87.50	12.50	12.50	0.00	0.00	0.00	0.00	87.50	12.00	0.00
12. Houayxi	14	0.00	92.86	7.14	7.14	0.00	0.00	0.00	0.00	92.86	12.00	0.00
13. Namphao	44	0.00	75.00	25.00	18.18	4.55	0.00	0.00	0.00	77.27	11.20	1.60
14. Phakoup	23	4.35	43.48	52.17	34.78	8.70	0.00	8.70	8.70	47.83	9.30	3.50
15. Sivilai	6	0.00	0.00	100.00	83.33	0.00	16.67	0.00	0.00	0.00	10.70	3.00
Sub-total or Average	357	15.97	42.30	41.74	21.85	3.08	10.36	5.32	5.32	59.38	8.60	3.70
Model Area Total or Ave.	585	20.68	49.23	30.09	15.21	2.39	8.03	3.59	3.59	70.77	8.60	3.60

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-20 Food Condition/ Availability of Sample Households - Meat

Village	Sample H/hold (No.)	Availability				Shortage Months in a Year					Average (Month)	STD (Month)
		More than Enough (%)	Just Enough (%)	Not Enough (%)	More than 10 (%)	7 to 9 Months (%)	4 to 6 Months (%)	Up to 3 Months (%)	No Shortage (%)			
Namom Area												
1. Vangmiang	21	9.52	4.76	85.71	14.29	4.76	28.57	38.10	14.29	5.10	3.00	
2. Namon-Tai	31	0.00	3.23	96.77	32.26	32.26	25.81	6.45	3.23	8.10	2.60	
3. Namon-Nua	24	4.17	25.00	70.83	0.00	0.00	25.00	45.83	29.17	3.20	1.30	
4. Phonsavang	22	0.00	9.09	90.91	63.64	0.00	22.73	4.55	9.09	10.00	3.20	
5. Phonkeo	28	0.00	28.57	71.43	0.00	10.71	21.43	39.29	28.57	4.10	2.10	
6. Ngrou	11	0.00	0.00	100.00	0.00	0.00	36.36	54.55	0.00	3.90	2.40	
7. Nalao	17	5.88	0.00	94.12	0.00	5.88	29.41	58.82	5.88	3.60	1.50	
8. Nakhom	7	0.00	0.00	100.00	0.00	0.00	71.43	28.57	0.00	4.70	1.50	
9. Phongnang	6	0.00	33.33	66.67	0.00	16.67	66.67	0.00	16.67	6.00	1.30	
10. Nangeun-Nua	10	30.00	60.00	10.00	0.00	10.00	0.00	0.00	90.00	8.00	0.00	
11. Nangeun-Tai	14	0.00	14.29	85.71	7.14	28.57	0.00	57.14	7.14	4.50	3.20	
12. Vanghua	23	0.00	4.35	95.65	13.04	8.70	65.22	8.70	4.35	6.00	2.30	
13. Houaysan	8	0.00	0.00	100.00	0.00	25.00	50.00	12.50	12.50	5.30	2.00	
14. Nampath-Nua	6	0.00	0.00	100.00	0.00	16.67	66.67	0.00	16.67	5.80	1.30	
Sub-total or Average	228	3.07	12.72	84.21	14.04	11.40	31.58	27.19	15.79	5.70	3.20	
Somboun Area												
1. Houaymo-Nua	11	0.00	0.00	100.00	27.27	18.18	45.45	9.09	0.00	7.10	2.50	
2. Houaymo-Tai	17	5.88	0.00	94.12	17.65	5.88	64.71	5.88	5.88	6.30	2.40	
3. Thahua-Nua	42	2.38	7.14	90.48	66.67	16.67	7.14	0.00	9.52	10.60	2.10	
4. Thahua-Tai	30	0.00	0.00	100.00	83.33	0.00	16.67	0.00	0.00	11.00	2.20	
5. Houaypamom	45	0.00	4.44	95.56	26.67	11.11	24.44	28.89	8.89	6.70	3.50	
6. Somsanouk	49	0.00	12.24	87.76	32.65	4.08	36.73	14.29	12.24	7.60	3.40	
7. Nampat	11	0.00	9.09	90.91	18.18	9.09	54.55	0.00	18.18	7.00	2.90	
8. Vangkhi	34	0.00	14.71	85.29	17.65	0.00	58.82	8.82	14.71	6.30	3.00	
9. Phonthong	7	0.00	0.00	100.00	28.57	14.29	42.86	14.29	0.00	7.40	3.30	
10. Taothan	16	0.00	0.00	100.00	56.25	12.50	18.75	12.50	0.00	8.70	3.20	
11. Nampath-Tai	8	0.00	0.00	100.00	50.00	0.00	12.50	37.50	0.00	7.60	4.40	
12. Houayxi	14	0.00	0.00	100.00	28.57	21.43	14.29	7.14	28.57	9.20	3.00	
13. Namphao	44	0.00	4.55	95.45	61.36	13.64	15.91	6.82	2.27	9.90	3.10	
14. Phakoup	23	0.00	0.00	100.00	60.87	4.35	26.09	8.70	0.00	9.00	3.50	
15. Sivilai	6	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00	12.00	0.00	
Sub-total or Average	357	0.56	5.32	94.12	45.10	8.68	28.29	10.36	7.56	8.50	3.50	
Model Area Total or Ave.	585	1.54	8.21	90.26	52.99	9.74	29.57	16.92	10.77	7.50	3.60	

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-21 Food Condition/ Availability of Sample Households - Fish

Village	Sample H'hold (No.)	Availability				Shortage Months in a Year					Average (Month)	STD (Month)
		More than Enough (%)	Just Enough (%)	Not Enough (%)	More than 10 (%)	7 to 9 Months (%)	4 to 6 Months (%)	Up to 3 Months (%)	Shortage (%)			
Namoun Area												
1. Vangmiang	21	14.29	52.38	33.33	14.29	0.00	9.52	9.52	66.67	7.30	4.30	
2. Namon-Tai	31	6.45	32.26	61.29	19.35	6.45	22.58	12.90	38.71	7.10	3.40	
3. Namon-Nua	24	12.50	75.00	12.50	0.00	0.00	0.00	12.50	87.50	2.00	0.80	
4. Phonsavang	22	0.00	9.09	90.91	68.18	0.00	18.18	4.55	9.09	10.30	3.10	
5. Phonkeo	28	7.14	78.57	14.29	0.00	0.00	10.71	3.57	85.71	4.50	1.10	
6. Ngiou	11	27.27	72.73	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
7. Nalao	17	29.41	70.59	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
8. Nakhom	7	28.57	57.14	14.29	0.00	0.00	14.29	0.00	85.71	6.00	0.00	
9. Phongnang	6	50.00	50.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
10. Nangeun-Nua	10	10.00	90.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
11. Nangeun-Tai	14	7.14	85.71	7.14	0.00	0.00	7.14	0.00	92.86	6.00	0.00	
12. Vanghua	23	21.74	43.48	34.78	4.35	4.35	13.04	13.04	65.22	5.30	2.70	
13. Houaysan	8	12.50	25.00	62.50	0.00	12.50	50.00	0.00	37.50	5.40	1.00	
14. Nampath-Nua	6	0.00	66.67	33.33	0.00	0.00	16.67	16.67	66.67	4.00	1.00	
Sub-total or Average	228	13.60	55.70	30.70	10.96	1.75	11.40	6.58	69.30	7.20	3.70	
Somboun Area												
1. Houaymo-Nua	11	9.09	18.18	72.73	9.09	18.18	45.45	0.00	27.27	6.50	2.10	
2. Houaymo-Tai	17	76.47	5.88	17.65	11.76	0.00	5.88	0.00	82.35	9.00	2.90	
3. Thahua-Nua	42	42.86	19.05	38.10	30.95	0.00	7.14	0.00	61.90	10.90	2.30	
4. Thahua-Tai	30	63.33	13.33	23.33	23.33	0.00	0.00	0.00	76.67	12.00	0.00	
5. Houaypamom	45	31.11	62.22	6.67	6.67	0.00	0.00	0.00	93.33	12.00	0.00	
6. Somsanouk	49	26.53	44.90	28.57	6.12	4.08	16.33	2.04	71.43	7.10	2.50	
7. Nampat	11	27.27	27.27	45.45	0.00	0.00	9.09	27.27	63.64	3.00	0.70	
8. Vangkhi	34	38.24	20.59	41.18	0.00	2.94	20.59	17.65	58.82	4.40	1.70	
9. Phonthong	7	57.14	0.00	42.86	0.00	28.57	14.29	0.00	57.14	7.00	0.80	
10. Taothan	16	0.00	43.75	56.25	43.75	6.25	6.25	0.00	43.75	10.40	2.20	
11. Nampath-Tai	8	25.00	75.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
12. Houayxi	14	28.57	71.43	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
13. Namphao	44	13.64	61.36	25.00	20.45	2.27	2.27	0.00	75.00	11.10	2.00	
14. Phakoup	23	82.61	13.04	4.35	4.35	0.00	0.00	0.00	95.65	12.00	0.00	
15. Sivilai	6	0.00	50.00	50.00	50.00	0.00	0.00	0.00	50.00	12.00	0.00	
Sub-total or Average	357	36.13	36.69	27.17	13.73	2.52	7.84	2.80	73.11	8.70	3.50	
Model Area Total or Ave.	585	27.35	44.10	28.55	12.65	2.22	9.23	4.27	71.62	8.00	3.70	

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-22 Food Condition/ Availability of Sample Households - Forest Vegetables/Crops

Village	Sample Household (No.)	Availability			Shortage Months in a Year					Average (Month)	STD (Month)	
		More than Enough (%)	Just Enough (%)	Not Enough (%)	More than 10 (%)	7 to 9 Months (%)	4 to 6 Months (%)	Up to 3 Months (%)	No Shortage (%)			
Namom Area												
1. Vangmiang	21	9.52	80.95	9.52	0.00	0.00	9.52	0.00	90.48	6.00	0.00	
2. Namon-Tai	31	19.35	48.39	32.26	6.45	0.00	22.58	3.23	67.74	6.70	2.80	
3. Namon-Nua	24	41.67	58.33	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
4. Phonsavang	22	0.00	54.55	45.45	31.82	0.00	4.55	9.09	54.55	9.40	4.00	
5. Phonkeo	28	25.00	75.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
6. Ngiou	11	36.36	54.55	9.09	0.00	0.00	0.00	9.09	90.91	2.00	0.00	
7. Nalao	17	47.06	52.94	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
8. Nakhom	7	14.29	85.71	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
9. Phongnang	6	0.00	83.33	16.67	0.00	0.00	16.67	0.00	83.33	6.00	0.00	
10. Nangeun-Nua	10	20.00	80.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
11. Nangeun-Tai	14	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
12. Vanghua	23	8.70	82.61	8.70	0.00	0.00	0.00	8.70	91.30	2.50	0.50	
13. Houaysan	8	50.00	50.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
14. Nampath-Nua	6	16.67	83.33	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
Sub-total or Average	228	20.61	67.98	11.40	3.95	0.00	4.82	2.63	88.60	7.20	3.70	
Somboun Area												
1. Houaymo-Nua	11	18.18	81.82	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
2. Houaymo-Tai	17	11.76	76.47	11.76	0.00	0.00	11.76	0.00	88.24	5.00	0.00	
3. Thabua-Nua	42	7.14	33.33	59.52	40.48	11.90	7.14	0.00	40.48	10.40	2.40	
4. Thabua-Tai	30	30.00	36.67	33.33	20.00	0.00	10.00	0.00	70.00	9.60	3.50	
5. Houaypanom	45	22.22	71.11	6.67	2.22	4.44	0.00	0.00	93.33	10.00	1.40	
6. Somsanouk	49	26.53	48.98	24.49	0.00	0.00	2.04	22.45	75.51	3.30	0.80	
7. Nampat	11	27.27	54.55	18.18	0.00	0.00	9.09	18.18	72.73	3.70	0.90	
8. Vangthi	34	23.53	44.12	32.35	0.00	0.00	23.53	8.82	67.65	4.10	1.00	
9. Phonthong	7	42.86	28.57	28.57	0.00	0.00	14.29	14.29	71.43	5.50	0.50	
10. Taotthan	16	37.50	56.25	6.25	6.25	0.00	0.00	0.00	93.75	12.00	0.00	
11. Nampath-Tai	8	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
12. Houayxi	14	7.14	92.86	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
13. Namphao	44	9.09	79.55	11.36	11.36	0.00	0.00	2.27	86.36	10.30	3.70	
14. Phakoup	23	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
15. Sivilai	6	0.00	66.67	33.33	33.33	0.00	0.00	0.00	66.67	12.00	0.00	
Sub-total or Average	357	17.93	61.06	21.01	8.96	1.96	5.32	5.04	78.71	7.70	3.90	
Model Area Total or Ave.	585	18.97	63.76	17.26	7.01	1.20	5.13	4.10	82.56	7.60	3.90	

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-23 Major Diseases and Toilet Availability of Sample Households

Village	Sample Hhold (No.)	Major Diseases at														Hhold	
		No Diseases (%)	Cold (%)	Malaria (%)	Respiratory Disease (%)	Dysentery (%)	Other Diarrhea (%)	Typhus Fever (%)	Tapeworm Infection (%)	Eye Disease (%)	Skin Disease (%)	Hepatitis (%)	Others (%)	Own Toilet (No.)	Toilet (%)		
Namoun Area																	
1. Vangmiang	21	0.00	95.24	47.62	0.00	42.86	28.57	0.00	28.57	23.81	0.00	9.52	19.05	6	28.57		
2. Namon-Tai	31	3.23	77.42	51.61	3.23	51.61	22.58	0.00	25.81	32.26	3.23	0.00	19.35	22	70.97		
3. Namon-Nua	24	0.00	100.00	62.50	8.33	20.83	66.67	0.00	0.00	20.83	0.00	4.17	8.33	1	4.17		
4. Phonsavang	22	4.55	104.55	45.45	13.64	4.55	40.91	0.00	45.45	9.09	13.64	4.55	13.64	13	59.09		
5. Phonkeo	28	0.00	100.00	28.57	17.86	10.71	57.14	0.00	28.57	32.14	0.00	0.00	21.43	4	14.29		
6. Ngiou	11	0.00	100.00	27.27	0.00	45.45	18.18	0.00	45.45	18.18	9.09	0.00	36.36	0	0.00		
7. Nalao	17	0.00	76.47	82.35	5.88	47.06	5.88	0.00	23.53	23.53	0.00	0.00	11.76	0	0.00		
8. Nakhom	7	0.00	114.29	42.86	28.57	14.29	28.57	0.00	14.29	28.57	0.00	0.00	28.57	0	0.00		
9. Phonngang	6	0.00	83.33	16.67	33.33	0.00	16.67	16.67	33.33	33.33	0.00	16.67	50.00	2	33.33		
10. Nangeun-Nua	10	0.00	100.00	30.00	10.00	10.00	20.00	30.00	50.00	20.00	10.00	20.00	0.00	0	0.00		
11. Nangeun-Tai	14	0.00	78.57	64.29	28.57	28.57	50.00	0.00	14.29	21.43	14.29	0.00	0.00	0	0.00		
12. Vanghua	23	0.00	86.96	39.13	30.43	17.39	39.13	0.00	26.09	30.43	0.00	0.00	21.74	16	69.57		
13. Houaysan	8	0.00	75.00	62.50	37.50	12.50	37.50	0.00	0.00	25.00	12.50	12.50	25.00	0	0.00		
14. Nampath-Nua	6	0.00	100.00	66.67	16.67	16.67	50.00	0.00	16.67	0.00	0.00	16.67	16.67	0	0.00		
Sub-total or Average	228	0.88	91.67	48.25	14.04	25.88	36.84	1.75	25.44	24.12	3.95	3.95	17.54	64	28.07		
Somboun Area																	
1. Houaymo-Nua	11	0.00	100.00	72.73	54.55	9.09	0.00	0.00	9.09	36.36	0.00	9.09	0.00	1	9.09		
2. Houaymo-Tai	17	0.00	82.35	35.29	11.76	29.41	29.41	0.00	35.29	11.76	11.76	5.88	47.06	10	58.82		
3. Thahua-Nua	42	2.38	92.86	26.19	4.76	7.14	28.57	0.00	2.38	42.86	11.90	0.00	16.67	17	40.48		
4. Thahua-Tai	30	6.67	70.00	36.67	6.67	3.33	36.67	0.00	3.33	23.33	0.00	0.00	6.67	17	56.67		
5. Houaypanom	45	0.00	66.67	75.56	0.00	22.22	33.33	4.44	6.67	11.11	8.89	8.89	8.89	0	0.00		
6. Somsarouk	49	0.00	81.63	69.39	6.12	8.16	40.82	2.04	6.12	40.82	20.41	6.12	6.12	11	22.45		
7. Nampat	11	0.00	72.73	100.00	9.09	18.18	45.45	0.00	9.09	9.09	9.09	0.00	27.27	0	0.00		
8. Vangkhi	34	2.94	70.59	55.88	11.76	44.12	38.24	0.00	14.71	26.47	2.94	8.82	17.65	7	20.59		
9. Phonthong	7	0.00	100.00	28.57	14.29	42.86	42.86	0.00	0.00	42.86	0.00	0.00	14.29	0	0.00		
10. Taothan	16	0.00	62.50	87.50	25.00	18.75	56.25	6.25	18.75	25.00	0.00	0.00	0.00	0	0.00		
11. Nampath-Tai	8	12.50	87.50	62.50	12.50	12.50	37.50	0.00	0.00	25.00	0.00	0.00	0.00	0	0.00		
12. Houayxi	14	0.00	85.71	50.00	0.00	7.14	50.00	0.00	7.14	7.14	0.00	14.29	0.00	0	0.00		
13. Namphao	44	6.82	86.36	75.00	9.09	6.82	54.55	0.00	2.27	11.36	2.27	0.00	0.00	5	11.36		
14. Phakoup	23	0.00	86.96	30.43	26.09	26.09	30.43	0.00	8.70	8.70	0.00	0.00	30.43	2	8.70		
15. Sivilai	6	0.00	83.33	16.67	0.00	66.67	66.67	0.00	0.00	0.00	0.00	0.00	50.00	6	100.00		
Sub-total or Average	357	2.24	80.11	56.86	10.08	17.37	38.66	1.12	7.84	23.25	6.72	3.92	12.32	76	21.29		
Model Area Total or Ave.	585	1.71	84.62	53.50	11.62	20.68	37.95	1.37	14.70	23.59	5.64	3.95	14.36	140	25.93		

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-24 Status of Family Planning of Sample Households

Village	Sample Hhold (No.)	Visit of FP Worker (% of Yes)	Use of Contraceptive Method (% of Sample HH)										No Answer (%)		
			Pills (%)	Condoms (%)	Loop/ Ring (%)	Surgical Method (%)	Traditional Method (%)	Not Used (%)	Others (%)						
Namou Area															
1. Vangmiang	21	81.0	44.0	4.0	4.0	0.0	0.0	4.0	4.0	40.0	4.0	0.0	0.0		
2. Namon-Tai	31	84.0	42.4	0.0	3.0	3.0	3.0	3.0	42.4	6.1	0.0	0.0			
3. Namon-Nua	24	100.0	31.0	0.0	3.5	0.0	10.3	51.7	3.5	0.0	0.0	0.0			
4. Phonsavang	22	45.0	46.7	3.3	6.7	0.0	10.0	30.0	0.0	3.3	0.0	0.0			
5. Phonkeo	28	86.0	25.6	10.3	0.0	5.1	7.7	43.6	7.7	0.0	0.0	0.0			
6. Ngiou	11	100.0	36.4	0.0	0.0	0.0	0.0	54.6	9.1	0.0	0.0	0.0			
7. Nalao	17	94.0	30.0	0.0	0.0	0.0	0.0	50.0	20.0	0.0	0.0	0.0			
8. Nakhom	7	43.0	77.8	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.0	0.0			
9. Phongnang	6	67.0	33.3	11.1	0.0	0.0	0.0	22.2	33.3	0.0	0.0	0.0			
10. Nangeun-Nua	10	40.0	60.0	0.0	0.0	0.0	0.0	10.0	30.0	0.0	0.0	0.0			
11. Nangeun-Tai	14	57.0	28.6	0.0	0.0	14.3	7.1	50.0	0.0	0.0	0.0	0.0			
12. Vanghua	23	96.0	50.0	0.0	15.6	0.0	9.4	15.6	9.4	0.0	0.0	0.0			
13. Houaysan	8	50.0	33.3	0.0	0.0	0.0	11.1	44.4	0.0	0.0	11.1	0.0			
14. Nampath-Nua	6	17.0	33.3	0.0	0.0	0.0	50.0	16.7	0.0	0.0	0.0	0.0			
Sub-total or Average	228	76.0	39.5	2.5	3.6	1.8	8.7	37.7	5.4	0.7	0.0	0.0			
Somboun Area															
1. Houaymo-Nua	11	73.0	50.0	0.0	0.0	8.3	8.3	33.3	0.0	0.0	0.0	0.0			
2. Houaymo-Tai	17	29.0	23.5	0.0	0.0	17.7	0.0	58.8	0.0	0.0	0.0	0.0			
3. Thahua-Nua	42	5.0	46.7	0.0	4.4	4.4	2.2	40.0	0.0	0.0	2.2	0.0			
4. Thahua-Tai	30	13.0	16.7	0.0	0.0	0.0	33.3	50.0	0.0	0.0	0.0	0.0			
5. Houaypanom	45	4.0	4.4	0.0	0.0	2.2	28.9	64.4	0.0	0.0	0.0	0.0			
6. Somsanouk	49	4.0	6.0	0.0	0.0	0.0	30.0	64.0	0.0	0.0	0.0	0.0			
7. Nampat	11	27.0	9.1	0.0	0.0	0.0	27.3	63.6	0.0	0.0	0.0	0.0			
8. Vangkhi	34	6.0	18.9	0.0	0.0	2.7	21.6	51.4	5.4	0.0	0.0	0.0			
9. Phonthong	7	29.0	37.5	0.0	0.0	0.0	25.0	12.5	0.0	25.0	0.0	0.0			
10. Taothan	16	38.0	5.6	0.0	0.0	0.0	22.2	72.2	0.0	0.0	0.0	0.0			
11. Nampath-Tai	8	13.0	25.0	0.0	0.0	0.0	12.5	62.5	0.0	0.0	0.0	0.0			
12. Houayxi	14	29.0	21.4	0.0	0.0	0.0	0.0	64.3	0.0	0.0	14.3	0.0			
13. Namphao	44	9.0	20.5	4.6	4.6	2.3	0.0	65.9	0.0	0.0	2.3	0.0			
14. Phakoup	23	0.0	47.8	0.0	13.0	4.4	0.0	34.8	0.0	0.0	0.0	0.0			
15. Sivilai	6	0.0	50.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	16.7	0.0			
Sub-total or Average	357	13.0	22.0	0.5	1.9	2.7	15.8	54.6	0.5	1.9	1.4	0.0			
Model Area Total or Ave.	585	37.0	29.5	1.4	2.6	2.3	12.7	47.4	2.6	1.4	0.0	0.0			

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

**Table 3-3-25 Cultivator Households and Average Cultivation Area by Land Categories
(Result of Household Survey)**

Village	Overall															
	Hai for Paddy				Hai for Other Crops				Lowland Paddy				Upland			
	Sample H'hold (No)	Respond. H'hold (No.)	Cultivate. H'hold (%)	Operated Area (Ha)	Respond. H'hold (No.)	Cultivate. H'hold (%)	Operated Area (Ha)	Respond. H'hold (No.)	Cultivate. H'hold (%)	Operated Area (Ha)	Respond. H'hold (No.)	Cultivate. H'hold (%)	Operated Area (Ha)	Respond. H'hold (No.)	Cultivate. H'hold (%)	Operated Area (Ha)
Namou Area																
1. Vangmiang	21	6	28.6	0.490	0	0.0	0.000	20	95.2	0.752	4	19.0	0.128			
2. Namon-Tai	31	1	3.2	0.500	1	3.2	0.600	20	64.5	0.873	10	32.3	0.368			
3. Namon-Nua	24	14	58.3	0.551	8	33.3	0.368	20	83.3	0.647	6	25.0	0.373			
4. Phonsavang	22	3	13.6	0.500	1	4.5	0.500	14	63.6	1.000	2	9.1	1.250			
5. Phonkeo	28	16	57.1	0.750	6	21.4	0.330	17	60.7	0.743	5	17.9	0.560			
6. Ngiou	11	2	18.2	0.700	0	0.0	0.000	10	90.9	1.108	6	54.5	0.127			
7. Nalao	17	11	64.7	0.761	4	23.5	0.213	10	58.8	0.773	2	11.8	0.170			
8. Nakhom	7	1	14.3	0.500	0	0.0	0.000	6	85.7	0.900	4	57.1	0.475			
9. Phongnang	6	2	33.3	0.550	0	0.0	0.000	4	66.7	1.375	3	50.0	0.297			
10. Nangeun-Nua	10	8	80.0	0.825	0	0.0	0.000	2	20.0	0.500	5	50.0	0.254			
11. Nangeun-Tai	14	8	57.1	0.814	0	0.0	0.000	10	71.4	0.636	0	0.0	0.000			
12. Vanghua	23	2	8.7	0.500	0	0.0	0.000	21	91.3	0.591	4	17.4	0.140			
13. Houaysan	8	5	62.5	1.000	0	0.0	0.000	4	50.0	0.500	1	12.5	0.800			
14. Nampath-Nua	6	6	100.0	0.683	0	0.0	0.000	1	16.7	0.100	0	0.0	0.000			
Sub-total of Average	228	85	37.3	0.697	20	8.8	0.344	159	69.7	0.778	52	22.8	0.351			
Somboun Area																
1. Houaymo-Nua	11	6	54.5	0.853	0	0.0	0.000	8	72.7	0.633	3	27.3	0.273			
2. Houaymo-Tai	17	8	47.1	0.678	0	0.0	0.000	5	29.4	0.640	3	17.6	1.033			
3. Thahua-Nua	42	14	33.3	0.865	1	2.4	0.350	9	21.4	0.708	10	23.8	0.938			
4. Thahua-Tai	30	9	30.0	1.293	0	0.0	0.000	1	3.3	0.480	5	16.7	1.072			
5. Houaypanom	45	36	80.0	1.214	2	4.4	0.205	0	0.0	0.000	3	6.7	0.502			
6. Somsanouk	49	48	98.0	1.671	3	6.1	0.080	0	0.0	0.000	12	24.5	0.387			
7. Nampat	11	10	90.9	1.220	5	27.3	0.320	0	0.0	0.000	3	27.3	0.700			
8. Vangkhi	34	21	61.8	1.013	7	20.6	0.249	13	38.2	0.658	10	29.4	0.405			
9. Phonthong	7	4	57.1	1.875	0	0.0	0.000	3	42.9	0.800	6	85.7	0.418			
10. Taotban	16	15	93.8	1.553	4	25.0	0.588	4	25.0	0.368	6	37.5	0.447			
11. Nampath-Tai	8	8	100.0	0.894	0	0.0	0.000	0	0.0	0.000	0	0.0	0.000			
12. Houayxi	14	13	92.9	0.862	1	7.1	0.250	0	0.0	0.000	3	21.4	0.170			
13. Namphao	44	31	70.5	0.787	10	22.7	0.471	20	45.5	0.621	8	18.2	0.323			
14. Phakoup	23	21	91.3	1.202	2	8.7	0.313	0	0.0	0.000	4	17.4	0.548			
15. Sivilai	6	4	66.7	1.375	0	0.0	0.000	0	0.0	0.000	0	0.0	0.000			
Sub-total of Average	357	248	69.5	1.193	33	9.2	0.352	63	17.6	0.634	76	21.3	0.545			
Model Area Total or Ave.	585	333	56.9	1.067	53	9.1	0.349	222	37.9	0.737	128	21.9	0.466			

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-26 Land Title of Owned Land of Sample Households

Village	Sample H/hold (No.)	Hai for Paddy					Hai for Other Crops					Lowland Paddy (Na)					Upland						
		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5		
		(No.)	(%)	(%)	(%)	(%)	(No.)	(%)	(%)	(%)	(%)	(No.)	(%)	(%)	(%)	(%)	(No.)	(%)	(%)	(%)	(%)		
Namou Area																							
1. Vangmiang	21	6	0.0	66.7	0.0	33.3	0	0	0	0	0	0	0	0	0	0	4	100.0	0.0	0.0	0.0	0.0	
2. Namon-Tai	31	1	100.0	0.0	0.0	0.0	1	100.0	0.0	0.0	0.0	0	0	0	0	0	10	60.0	0.0	0.0	10.0	30.0	
3. Namon-Nua	24	14	0.0	21.4	0.0	78.6	8	0	25.0	0.0	75.0	0	0	0	0	0	6	83.3	0.0	0.0	16.7	0.0	
4. Phonsavang	22	3	66.7	0.0	0.0	33.3	1	0	100.0	0.0	0.0	0	0	0	0	0	2	100.0	0.0	0.0	0.0	0.0	
5. Phonkeo	28	16	0.0	50.0	0.0	50.0	6	0	16.7	0.0	83.3	0	0	0	0	0	5	60.0	0.0	0.0	40.0	0.0	
6. Ngiou	11	2	0.0	50.0	0.0	50.0	0	0	0.0	0.0	0.0	0	0	0	0	0	6	50.0	0.0	0.0	50.0	0.0	
7. Nalao	17	11	0.0	36.4	9.1	54.6	4	0	50.0	0.0	50.0	0	0	0	0	0	2	50.0	0.0	0.0	50.0	0.0	
8. Nakhom	7	1	0.0	0.0	0.0	100.0	0	0	0.0	0.0	0.0	0	0	0	0	0	4	100.0	0.0	0.0	0.0	0.0	
9. Phongsang	6	2	50.0	0.0	0.0	50.0	0	0	0.0	0.0	0.0	0	0	0	0	0	3	100.0	0.0	0.0	0.0	0.0	
10. Nangeun-Nua	10	8	50.0	37.5	0.0	12.5	0	0	0.0	0.0	0.0	0	0	0	0	0	5	100.0	0.0	0.0	0.0	0.0	
11. Nangeun-Tai	14	8	75.0	0.0	0.0	25.0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	
12. Vanghua	23	2	0	50.0	0.0	50.0	0	0	0.0	0.0	0.0	0	0	0	0	0	4	100.0	0.0	0.0	0.0	0.0	
13. Houaysan	8	5	100.0	0.0	0.0	0.0	0	0	0.0	0.0	0.0	0	0	0	0	0	1	100.0	0.0	0.0	0.0	0.0	
14. Nampath-Nua	6	6	33.3	0.0	0.0	66.7	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	
Sub-total or Average	228	85	24.7	28.2	1.2	45.9	20	5.0	30.0	0.0	65.0	0.0	0.0	0.0	0.0	0.6	52	78.9	0.0	0.0	0.0	15.4	5.8
Somboun Area																							
1. Houaymo-Nua	11	6	0.0	33.3	0.0	66.7	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	
2. Houaymo-Tai	17	8	0.0	12.5	0.0	87.5	0	0	0.0	0.0	0.0	0	0	0	0	0	3	66.7	33.3	0.0	0.0	0.0	
3. Thahua-Nua	42	14	14.3	50.0	0.0	21.4	14.3	1	0.0	100.0	0.0	0.0	0	0	0	0	10	70.0	0.0	0.0	20.0	10.0	
4. Thahua-Tai	30	9	44.4	11.1	0.0	44.4	0	0	0.0	0.0	0.0	0	0	0	0	0	5	100.0	0.0	0.0	0.0	0.0	
5. Houaypamom	45	36	58.3	25.0	0.0	16.7	0	0	0.0	0.0	0.0	0	0	0	0	0	3	100.0	0.0	0.0	0.0	0.0	
6. Somsanouk	49	48	43.8	27.1	0.0	18.8	10.4	3	0	0.0	0.0	0.0	0	0	0	0	12	75.0	25.0	0.0	0.0	0.0	
7. Nampat	11	10	40.0	30.0	0.0	20.0	10.0	3	66.7	33.3	0.0	0.0	0	0	0	0	3	66.7	33.3	0.0	0.0	0.0	
8. Vangkhi	34	21	76.2	19.1	0.0	4.8	0	0	0.0	0.0	0.0	0	0	0	0	0	10	90.0	10.0	0.0	0.0	0.0	
9. Phonthong	7	4	50.0	0.0	0.0	25.0	25.0	0	0.0	0.0	0.0	0	0	0	0	0	6	100.0	0.0	0.0	0.0	0.0	
10. Taothan	16	15	60.0	13.3	0.0	13.3	13.3	4	100.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	
11. Nampath-Tai	8	8	37.5	50.0	12.5	0.0	0.0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	
12. Houayxi	14	13	15.4	61.5	23.1	0.0	0.0	1	100.0	0.0	0.0	0	0	0	0	0	3	33.3	33.3	33.3	0.0	0.0	
13. Namphao	44	31	35.5	61.3	3.2	0.0	0.0	10	40.0	50.0	10.0	0.0	0.0	0.0	0.0	8	50.0	50.0	0.0	0.0	0.0		
14. Phakoup	23	21	19.1	61.9	14.3	4.8	0.0	2	50.0	0.0	50.0	0.0	0.0	0.0	0.0	4	100.0	0.0	0.0	0.0	0.0		
15. Sivilai	6	4	0.0	100.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	
Sub-total or Average	357	248	39.9	36.3	3.2	16.1	4.4	33	63.6	21.2	3.0	3.0	9.1	63	96.8	1.6	76	77.6	14.5	1.3	5.3	3.1	
Model Area Total or Ave.	585	333	36.0	34.2	2.7	23.7	3.3	53	41.5	24.5	1.9	26.4	5.7	222	98.7	0.5	128	78.1	8.6	0.8	9.4	3.1	

Code :
 1. Privately owned (can be sold out)
 2. Government land, but with traditional cultivation right
 3. Government land, but allocated by village committee
 4. Land title is unknown, but cultivated
 5. Others

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-27 Time Required to Slash and Burn Area

Village	Sample H/hold (No.)	H/hold With Hai (No.)	Time Required to Slash and Burn Area (Hai)							Ave. & STD	
			< 0.5 hour (%)	0.5 - 0.9 hour (%)	1.0 - 1.9 hour (%)	2.0 - 2.9 hour (%)	3.0 - 3.9 hour (%)	> 3.9 hour (%)	Average (hour)	STD (hour)	
Namoun Area											
1. Vangmiang	21	6	16.67	16.67	66.67	0.00	0.00	0.00	0.00	0.80	0.29
2. Namon-Tai	31	1	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00
3. Namon-Nua	24	14	7.14	0.00	57.14	42.86	0.00	0.00	0.00	1.37	0.58
4. Phonsavang	22	3	33.33	0.00	66.67	0.00	0.00	0.00	0.00	0.83	0.30
5. Phonkeo	28	16	0.00	0.00	56.25	37.50	12.50	0.00	0.00	1.59	0.78
6. Ngiou	11	2	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.75	0.25
7. Nalao	17	11	36.36	9.09	36.36	18.18	0.00	0.00	0.00	0.96	0.63
8. Nakhom	7	1	0.00	0.00	100.00	0.00	0.00	0.00	0.00	1.00	0.00
9. Phongnang	6	2	0.00	0.00	50.00	50.00	0.00	0.00	0.00	1.65	0.35
10. Nangeun-Nua	10	8	12.50	0.00	75.00	12.50	0.00	0.00	0.00	0.99	0.52
11. Nangeun-Tai	14	8	25.00	0.00	25.00	50.00	0.00	0.00	0.00	1.23	0.81
12. Vanghua	23	2	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.40	0.10
13. Houaysan	8	5	40.00	20.00	40.00	0.00	0.00	0.00	0.00	0.64	0.30
14. Nampath-Nua	6	6	16.67	0.00	83.33	0.00	0.00	0.00	0.00	0.80	0.29
Sub-total or Average	228	85	16.47	7.06	54.12	23.53	2.35	0.00	0.00	1.13	0.67
Somboun Area											
1. Houaymo-Nua	11	6	33.33	0.00	66.67	0.00	0.00	0.00	0.00	0.85	0.44
2. Houaymo-Tai	17	8	25.00	12.50	50.00	12.50	0.00	0.00	0.00	0.76	0.53
3. Thahua-Nua	42	14	7.14	14.29	57.14	14.29	0.00	0.00	7.14	2.07	3.62
4. Thahua-Tai	30	9	0.00	11.11	44.44	33.33	11.11	0.00	0.00	1.50	0.75
5. Houaypamom	45	36	5.56	5.56	50.00	36.11	2.78	0.00	0.00	1.38	0.64
6. Somsanouk	49	48	8.33	2.08	58.33	25.00	6.25	0.00	0.00	1.36	0.69
7. Nampat	11	10	0.00	0.00	70.00	20.00	10.00	0.00	0.00	1.58	0.59
8. Vangkhi	34	21	9.52	4.76	42.86	23.81	14.29	0.00	4.76	1.59	1.01
9. Phonthong	7	4	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.88	0.41
10. Taotnan	16	15	0.00	0.00	33.33	40.00	20.00	0.00	6.67	2.05	0.84
11. Nampath-Tai	8	8	25.00	12.50	25.00	25.00	0.00	0.00	12.50	5.04	10.59
12. Houayxi	14	13	15.38	38.46	30.77	15.38	0.00	0.00	0.00	0.88	0.54
13. Namphao	44	31	6.45	25.81	51.61	6.45	9.68	0.00	0.00	1.10	0.74
14. Phakoup	23	21	9.52	42.86	42.86	4.76	0.00	0.00	0.00	0.75	0.40
15. Sivilai	6	4	0.00	0.00	100.00	0.00	0.00	0.00	0.00	1.00	0.00
Sub-total or Average	357	248	8.47	13.31	50.00	20.56	6.05	1.61	1.44	1.44	2.31
Model Area Total or Ave.	585	333	10.51	11.71	51.05	21.32	5.11	1.20	1.36	1.36	2.02

Source: Socio-economic Baseline Survey, 1996. JICA Study Team

Table 3-3-29 Major Crops Cultivated in Slash and Burn Area (Hai) in Wet Season

Village	Sample H'hold (No.)	Resp. H'hold (No.)	Paddy (%)	Maize (%)	Cassava (%)	Ground nuts (%)	Chile (%)	Cucumber (%)	Water- melon (%)	Man Phao (%)
Namoun Area										
1. Vangmiang	21	6	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Namoun-Tai	31	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Namoun-Nua	24	23	60.87	8.70	13.04	4.35	13.04	0.00	0.00	0.00
4. Phonsavang	22	4	75.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00
5. Phonkeo	28	20	80.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00
6. Ngiou	11	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nalao	17	16	68.75	12.50	12.50	0.00	6.25	0.00	0.00	0.00
8. Nakhom	7	3	0.00	0.00	0.00	0.00	33.33	33.33	33.33	0.00
9. Phongnang	6	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Nangeun-Nua	10	11	72.73	0.00	0.00	0.00	27.27	0.00	0.00	0.00
11. Nangeun-Tai	14	8	87.50	0.00	0.00	0.00	0.00	12.50	0.00	0.00
12. Vanghua	23	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Houaysan	8	5	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	6	7	85.71	0.00	0.00	0.00	14.29	0.00	0.00	0.00
Sub-total or Average	228	110	75.45	3.64	9.09	0.91	8.18	1.82	0.91	0.00
Somboun Area										
1. Houaymo-Nua	11	6	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	17	8	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Thahua-Nua	42	20	70.00	15.00	0.00	0.00	15.00	0.00	0.00	0.00
4. Thahua-Tai	30	9	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Houaypamom	45	37	97.30	0.00	2.70	0.00	0.00	0.00	0.00	0.00
6. Somsanouk	49	54	88.89	1.85	9.26	0.00	0.00	0.00	0.00	0.00
7. Nampat	11	15	66.67	13.33	20.00	0.00	0.00	0.00	0.00	0.00
8. Vangkhi	34	31	64.52	19.35	9.68	0.00	0.00	0.00	0.00	6.45
9. Phonthong	7	6	66.67	16.67	16.67	0.00	0.00	0.00	0.00	0.00
10. Taothan	16	31	48.39	29.03	22.58	0.00	0.00	0.00	0.00	0.00
11. Nampath-Tai	8	7	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	14	14	92.86	0.00	7.14	0.00	0.00	0.00	0.00	0.00
13. Namphao	44	41	75.61	0.00	21.95	0.00	2.44	0.00	0.00	0.00
14. Phakoup	23	23	91.30	0.00	8.70	0.00	0.00	0.00	0.00	0.00
15. Sivilai	6	4	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	357	306	80.39	7.19	10.46	0.00	1.31	0.00	0.00	0.65
Model Area Total or Ave.	585	416	79.09	6.25	10.10	0.24	3.13	0.48	0.24	0.48

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-30 Major Crops Cultivated in Lowland Paddy (Na) in Wet Season

Village	Sample H/hold (No.)	Resp. H/hold (No.)	Paddy (%)	Maize (%)	Groundnuts (%)	Chile (%)	Other Vegetables (%)	Water-melon (%)
Namoun Area								
1. Vangmiang	21	20	100.00	0.00	0.00	0.00	0.00	0.00
2. Namon-Tai	31	20	83.33	4.17	8.33	0.00	4.17	0.00
3. Namon-Nua	24	20	100.00	0.00	0.00	0.00	0.00	0.00
4. Phonsavang	22	14	93.33	0.00	0.00	0.00	0.00	6.67
5. Phonkeo	28	17	100.00	0.00	0.00	0.00	0.00	0.00
6. Ngrou	11	10	100.00	0.00	0.00	0.00	0.00	0.00
7. Nalao	17	10	100.00	0.00	0.00	0.00	0.00	0.00
8. Nakhom	7	6	100.00	0.00	0.00	0.00	0.00	0.00
9. Phongnang	6	4	66.67	0.00	0.00	0.00	16.67	16.67
10. Nangeun-Nua	10	2	66.67	0.00	0.00	33.33	0.00	0.00
11. Nangeun-Tai	14	11	100.00	0.00	0.00	0.00	0.00	0.00
12. Vanghua	23	21	100.00	0.00	0.00	0.00	0.00	0.00
13. Houaysan	8	5	100.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	6	1	100.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	228	161	95.27	0.59	1.18	0.59	1.18	1.18
Somboun Area								
1. Houaymo-Nua	11	8	100.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	17	4	100.00	0.00	0.00	0.00	0.00	0.00
3. Thahua-Nua	42	9	100.00	0.00	0.00	0.00	0.00	0.00
4. Thahua-Tai	30	1	100.00	0.00	0.00	0.00	0.00	0.00
5. Houaypamom	45	0	0.00	0.00	0.00	0.00	0.00	0.00
6. Somsanouk	49	0	0.00	0.00	0.00	0.00	0.00	0.00
7. Nampat	11	0	0.00	0.00	0.00	0.00	0.00	0.00
8. Vangkhi	34	13	100.00	0.00	0.00	0.00	0.00	0.00
9. Phonthong	7	3	100.00	0.00	0.00	0.00	0.00	0.00
10. Taothan	16	4	100.00	0.00	0.00	0.00	0.00	0.00
11. Nampath-Tai	8	0	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	14	0	0.00	0.00	0.00	0.00	0.00	0.00
13. Namphao	44	18	94.74	5.26	0.00	0.00	0.00	0.00
14. Phakoup	23	0	0.00	0.00	0.00	0.00	0.00	0.00
15. Sivilai	6	0	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	357	60	98.39	1.61	0.00	0.00	0.00	0.00
Model Area Total or Ave.	585	221	96.10	0.87	0.87	0.43	0.87	0.87

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-31 Major Crops Cultivated in Lowland Paddy (Na) in Dry Season

Village	Sample H'hold (No.)	Resp. H'hold (No.)	Paddy (%)	Maize (%)	Groundnuts (%)	Beans (%)	Chile (%)	Other Vegetables (%)	Cucumber (%)	Water-melon (%)
Namon Area										
1. Vangmiang	21	1	0.00	0.00	50.00	0.00	0.00	50.00	0.00	0.00
2. Namon-Tai	31	15	3.57	3.57	50.00	0.00	3.57	14.29	21.43	3.57
3. Namon-Nua	24	2	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00
4. Phonsavang	22	2	0.00	0.00	33.33	0.00	0.00	0.00	33.33	33.33
5. Phonkeo	28	4	0.00	0.00	0.00	0.00	25.00	75.00	0.00	0.00
6. Ngiou	11	4	0.00	0.00	0.00	20.00	40.00	40.00	0.00	0.00
7. Nalao	17	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
8. Nakhom	7	1	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
9. Phongnang	6	3	0.00	0.00	0.00	0.00	0.00	25.00	0.00	75.00
10. Nangeun-Nua	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nangeun-Tai	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Vanghua	23	5	0.00	0.00	16.67	0.00	0.00	33.33	50.00	0.00
13. Houaysan	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	228	38	1.79	1.79	33.93	1.79	7.14	25.00	17.86	10.71
Somboun Area										
1. Houaymo-Nua	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Thahua-Nua	42	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Thahua-Tai	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Houaypamom	45	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Somsanouk	49	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nampat	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Vangkhi	34	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phonthong	7	1	0.00	0.00	50.00	0.00	0.00	50.00	0.00	0.00
10. Taothan	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nampath-Tai	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Namphao	44	1	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00
14. Phakoup	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Sivilai	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	357	2	0.00	25.00	50.00	0.00	0.00	25.00	0.00	0.00
Model Area Total or Ave.	585	40	1.67	3.33	35.00	1.67	6.67	25.00	16.67	10.00

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-32 Use of Chemical Fertilizer for Major Crops in Slash and Burn Area (Hai)

Village	Paddy				Cassava				Maize				Chile				
	H'hold	HH Use	Total	Ave.	H'hold	HH Use	Total	Ave.	H'hold	HH Use	Total	Ave.	H'hold	HH Use	Total	Ave.	
	(No.)	(No.)	(Kg)	(Kg/ha)	(No.)	(No.)	(Kg)	(Kg/ha)	(No.)	(No.)	(Kg)	(Kg/ha)	(No.)	(No.)	(Kg)	(Kg/ha)	
Namoun Area																	
1. Vangmiang	21	6	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
2. Namon-Tai	31	1	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
3. Namon-Nua	24	14	0	0.00	4	0	0.00	0.00	2	0	0.00	0.00	5	0	0.00	0.00	
4. Phonsavang	22	3	0	0.00	1	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
5. Phonkeo	28	16	0	0.00	4	0	0.00	0.00	0	0	0.00	0.00	2	0	0.00	0.00	
6. Ngiou	11	2	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
7. Nalao	17	11	0	0.00	2	0	0.00	0.00	2	0	0.00	0.00	1	0	0.00	0.00	
8. Nakhom	7	0	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	1	0	0.00	0.00	
9. Phongnang	6	2	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
10. Nangeun-Nua	10	8	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	4	0	0.00	0.00	
11. Nangeun-Tai	14	7	0	0.00	0	0	0.00	0.00	1	0	0.00	0.00	0	0	0.00	0.00	
12. Vanghua	23	2	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
13. Houaysan	8	5	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
14. Nampath-Nua	6	6	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	1	0	0.00	0.00	
Sub-total or Average	228	83	0	0.00	11	0	0.00	0.00	5	0	0.00	0.00	14	0	0.00	0.00	
Somboun Area																	
1. Houaymo-Nua	11	6	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
2. Houaymo-Tai	17	8	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
3. Thahua-Nua	42	14	0	0.00	1	0	0.00	0.00	3	0	0.00	0.00	2	0	0.00	0.00	
4. Thahua-Tai	30	9	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
5. Houaypamom	45	36	0	0.00	2	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
6. Somsanouk	49	48	0	0.00	5	0	0.00	0.00	1	0	0.00	0.00	0	0	0.00	0.00	
7. Nampat	11	10	0	0.00	3	0	0.00	0.00	2	0	0.00	0.00	0	0	0.00	0.00	
8. Vangkhi	34	20	0	0.00	0	0	0.00	0.00	6	0	0.00	0.00	0	0	0.00	0.00	
9. Phonthong	7	4	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
10. Taothan	16	15	0	0.00	0	0	0.00	0.00	8	0	0.00	0.00	0	0	0.00	0.00	
11. Nampath-Tai	8	8	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
12. Houayxi	14	13	0	0.00	1	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
13. Nampao	44	31	0	0.00	10	0	0.00	0.00	0	0	0.00	0.00	1	0	0.00	0.00	
14. Phakoup	23	21	0	0.00	2	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
15. Sivilai	6	4	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00	
Sub-total or Average	357	247	0	0.00	37	0	0.00	0.00	20	0	0.00	0.00	3	0	0.00	0.00	
Model Area Total or Ave.	585	330	0	0.00	48	0	0.00	0.00	25	0	0.00	0.00	17	0	0.00	0.00	

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-33 Use of Chemical Fertilizer for Major Crops in Lowland Paddy (Na)

Village	Paddy				Groundnuts				Other Vegetables				Cucumber			
	H/hold	HH Use	Total	Ave.	H/hold	HH Use	Total	Ave.	H/hold	HH Use	Total	Ave.	H/hold	HH Use	Total	Ave.
	(No.)	(No.)	(Kg)	(Kg/ha)	(No.)	(No.)	(Kg)	(Kg/ha)	(No.)	(No.)	(Kg)	(Kg/ha)	(No.)	(No.)	(Kg)	(Kg/ha)
Namou Area	21	20	0	0.00	1	0	0.00	0.00	1	0	0.00	0.00	0	0	0.00	0.00
1. Vangmiang	31	21	2	105.00	15	0	0.00	5.92	3	1	1.00	4.35	4	1	6.00	11.11
2. Namon-Tai	24	20	0	0.00	2	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
3. Namon-Nua	22	14	0	0.00	1	0	0.00	0.00	0	0	0.00	0.00	1	0	0.00	0.00
4. Phonsavang	28	17	0	0.00	0	0	0.00	0.00	3	0	0.00	0.00	0	0	0.00	0.00
5. Phonkeo	11	10	1	5.00	0	0	0.00	0.45	2	0	0.00	0.00	0	0	0.00	0.00
6. Ngiou	17	10	2	150.00	0	0	0.00	19.40	0	0	0.00	0.00	0	0	0.00	0.00
7. Nalao	7	6	0	0.00	0	0	0.00	0.00	2	0	0.00	0.00	0	0	0.00	0.00
8. Nakhom	6	4	0	0.00	0	0	0.00	0.00	2	1	6.00	50.00	0	0	0.00	0.00
9. Phongnang	10	2	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
10. Nangcun-Nua	14	11	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
11. Nangeun-Tai	23	21	0	0.00	1	0	0.00	0.00	2	0	0.00	0.00	3	2	145.00	690.48
12. Vanghua	8	5	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
13. Houaysan	6	1	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
14. Nampath-Nua	228	162	5	260.00	20	0	0.00	2.01	15	2	7.00	3.04	8	3	151.00	120.80
Sub-total or Average	357	226	1	30.00	0	0	0.00	0.80	1	0	0.00	0.00	0	0	0.00	0.00
Somboun Area	11	8	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
1. Houaymo-Nua	17	5	1	30.00	0	0	0.00	9.68	0	0	0.00	0.00	0	0	0.00	0.00
2. Houaymo-Tai	42	10	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
3. Thahua-Nua	30	1	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
4. Thahua-Tai	45	0	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
5. Houaypamom	49	0	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
6. Somsanouk	11	0	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
7. Nampat	34	13	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
8. Vangkhi	7	3	0	0.00	0	0	0.00	0.00	1	0	0.00	0.00	0	0	0.00	0.00
9. Phonthong	16	4	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
10. Taathan	8	1	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
11. Nampath-Tai	14	0	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
12. Houayxi	44	19	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
13. Namphao	23	0	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
14. Phakoup	6	0	0	0.00	0	0	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0.00
15. Sivilai	585	226	6	290.00	20	0	0.00	1.74	16	2	7.00	2.50	8	3	151.00	120.80
Model Area Total or Ave.	357	226	1	30.00	0	0	0.00	0.80	1	0	0.00	0.00	0	0	0.00	0.00

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-34 Crop Damage in Slash and Burn Area (Hai) - Paddy

Village	Sample H'hold (No.)	H'hold Cultivated (No.)	Damage to Paddy										None (%)	
			Drought (%)	Diseases (%)	Insects (%)	Animal (%)	Hail Stone (%)	Wind (%)	L.Slide Erosion (%)	Flood (%)	Others (%)			
Namom Area														
1. Vangmiang	21	6	0.00	16.67	33.33	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Namon-Tai	31	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Namon-Nua	24	14	0.00	7.14	14.29	78.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Phonsavang	22	3	0.00	0.00	33.33	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Phonkeo	28	16	0.00	6.25	18.75	68.75	0.00	0.00	0.00	0.00	0.00	0.00	6.25	0.00
6. Ngiou	11	2	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nalao	17	11	0.00	9.09	45.45	45.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Nakhom	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phongnang	6	2	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Nangeun-Nua	10	8	0.00	12.50	37.50	37.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.50
11. Nangeun-Tai	14	7	0.00	0.00	57.14	42.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Vanghua	23	2	0.00	50.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Houaysan	8	5	20.00	0.00	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	6	6	0.00	0.00	0.00	83.33	0.00	0.00	0.00	0.00	0.00	16.67	0.00	0.00
Sub-total of Average	228	83	2.41	9.64	26.51	57.83	0.00	0.00	0.00	0.00	0.00	1.20	1.20	1.20
Somboun Area														
1. Houaymo-Nua	11	6	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	17	8	0.00	25.00	0.00	62.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.50
3. Thahua-Nua	42	13	0.00	0.00	7.69	84.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.69
4. Thahua-Tai	30	9	0.00	0.00	11.11	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.22
5. Houaypamom	45	35	0.00	2.86	5.71	62.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.57
6. Somsanouk	49	48	2.08	8.33	10.42	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.17
7. Nampat	11	8	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Vangkhi	34	20	0.00	10.00	10.00	35.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00
9. Phonthong	7	4	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
10. Taonthong	16	15	0.00	6.67	0.00	46.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.67
11. Nampath-Tai	8	8	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	14	13	0.00	0.00	0.00	92.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.69
13. Namphao	44	31	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Phakoup	23	21	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Sivilai	6	4	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total of Average	357	243	0.41	4.12	4.53	71.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.34
Model Area Total of Ave.	585	326	0.92	5.52	10.12	68.10	0.00	0.00	0.00	0.00	0.00	0.31	0.31	14.72

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-35 Crop Damage in Slash and Burn Area (Hai) - Cassava

Village	Sample H'hold (No.)	H'hold Cultivated (No.)	Damage to Cassava										None (%)	
			Drought (%)	Diseases (%)	Insects (%)	Animal (%)	Hail Stone (%)	Wind (%)	L.Slide Erosion (%)	Flood (%)	Others (%)			
Namon Area														
1. Vangmiang	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Namon-Tai	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Namon-Nua	24	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
4. Phonsavang	22	1	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Phonkeo	28	2	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
6. Ngiou	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nalao	17	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
8. Nakhom	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phongngang	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Nangeun-Nua	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nangeun-Tai	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Vanghua	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Houaysan	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	228	9	0.00	0.00	0.00	22.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.78
Somboun Area														
1. Houaymo-Nua	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Thahua-Nua	42	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Thahua-Tai	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Houaypamom	45	2	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Somsanouk	49	4	0.00	0.00	0.00	75.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
7. Nampat	11	3	0.00	0.00	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67
8. Vangkhi	34	2	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phonthong	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Taothan	16	8	12.50	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.50
11. Nampath-Tai	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	14	1	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Namphao	44	7	0.00	0.00	0.00	71.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.57
14. Phakoup	23	2	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Sivilai	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	357	29	3.45	0.00	0.00	62.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.48
Model Area Total or Ave.	585	38	2.63	0.00	0.00	52.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.74

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-36 Crop Damage in Lowland Paddy (Na) - Paddy

Village	Sample H'hold (No.)	H'hold Cultivated (No.)	Damage to Paddy										None (%)	
			Drought (%)	Diseases (%)	Insects (%)	Animal (%)	Hail Stone (%)	Wind (%)	L.Slide Erosion (%)	Flood (%)	Others (%)			
Namom Area														
1. Vangmiang	21	20	5.00	45.00	35.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00
2. Namon-Tai	31	20	5.00	25.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00
3. Namon-Nua	24	20	0.00	55.00	10.00	15.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	15.00
4. Phonsavang	22	14	7.14	21.43	57.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14
5. Phonkeo	28	17	11.76	5.88	23.53	35.29	0.00	0.00	0.00	0.00	5.88	0.00	0.00	5.88
6. Ngiou	11	10	0.00	60.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00
7. Nalao	17	10	0.00	50.00	30.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00
8. Nakhom	7	6	0.00	33.33	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phongnang	6	4	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Nangeun-Nua	10	2	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nangeun-Tai	14	11	0.00	18.18	27.27	36.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.18
12. Vanghua	23	20	0.00	30.00	30.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	15.00
13. Houaysan	8	5	20.00	20.00	0.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	6	1	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	228	160	3.75	31.88	33.75	16.25	0.00	0.00	0.63	0.63	1.88	0.63	3.75	7.50
Somboun Area														
1. Houymo-Nua	11	8	0.00	12.50	0.00	87.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	17	5	0.00	0.00	0.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
3. Thahua-Nua	42	10	0.00	0.00	10.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
4. Thahua-Tai	30	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Houaypamom	45	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Somsanouk	49	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nampat	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Vangkhi	34	13	0.00	0.00	7.69	38.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.46
9. Phonthong	7	3	0.00	0.00	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Taothan	16	4	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	25.00
11. Nampath-Tai	8	1	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Namphao	44	19	0.00	0.00	0.00	84.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.79
14. Phakoup	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Sivilai	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	357	64	0.00	3.13	3.13	62.50	0.00	0.00	3.13	3.13	6.25	3.13	2.68	21.88
Model Area Total or Ave.	585	224	2.68	23.66	25.00	29.46	0.00	0.00	1.34	1.34	3.13	1.34	2.68	11.61

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-37 Crop Damage in Lowland Paddy (Na) - Groundnuts

Village	Sample H/hold (No.)	H/hold Cultivated (No.)	Drought (%)	Diseases (%)	Insects (%)	Animal (%)	Damage to Groundnuts					None (%)		
							Hail Stone (%)	Wind (%)	L.Slide Erosion (%)	Flood (%)	Others (%)			
Namoun Area														
1. Vangmiang	21	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
2. Namon-Tai	31	14	0.00	14.29	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.71
3. Namon-Nua	24	2	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Phonsavang	22	1	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Phonkeo	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Ngiou	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nalao	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Nakhom	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phongnang	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Nangeun-Nua	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nangeun-Tai	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Vanghna	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Houaysan	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	228	18	0.00	16.67	38.89	11.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33
Somboun Area														
1. Houaymo-Nua	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Thahua-Nua	42	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Thahua-Tai	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Houaypamom	45	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Somsanouk	49	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nampat	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Vangkhi	34	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phonthong	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Taathan	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nampath-Tai	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Namphao	44	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Phakoup	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Sivilai	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	357	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Model Area Total or Ave.	585	18	0.00	16.67	38.89	11.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-38 Crop Production, Production Sold and Consumed, and Crop Income by Sub-districts
(Result of Household Survey)

	Crop Production in Hai						Crop Production in Na										
	Paddy		Cassava		Maize		Chile		Paddy		Groundnut		Vegetables		Cucumber		
	Amount (No.)	Amount (ton)	Amount (No.)	Amount (ton)	Amount (No.)	Amount (ton)	Amount (No.)	Amount (ton)	Amount (No.)	Amount (ton)	Amount (No.)	Amount (ton)	Amount (No.)	Amount (ton)	Amount (No.)	Amount (ton)	
Namon Area																	
1) Production (ton)	83	66.2	11	7.6	5	1.7	14	3.8	162	311.8	20	9.9	15	3.6	8	2.1	
2) Production sold (ton)	5	1.0	2	0.8	1	0.2	14	3.5	33	25.9	19	9.0	11	2.2	8	1.9	
3) Percentage sold (%)	6.0	1.5	18.2	10.5	20.0	11.8	100.0	92.1	20.4	8.3	95.0	90.9	73.3	61.1	100.0	90.5	
4) Production given (ton)	0	0.0	0	0.0	0	0.0	0	0.0	18	5.7	2	0.1	2	0.0	1	0.1	
5) Pro. consumed (1-2-3) (ton)		65.2		6.8		1.5		0.3		280.2		0.8		1.4		0.1	
6) Unit price for sale (kip/kg)		180		150		200		546		178		162		152		150	
7) Total income (2*6) (kip. 1000)		180		120		40		1,911		4,610		1,458		334		285	
8) Ave. income per 1) HH (kip)		2,169		10,909		8,000		136,500		28,458		72,900		22,293		35,625	
Somboun Area																	
1) Production (ton)	247	262.5	37	37.4	20	2.1	3	0.1	64	69.8	0	0.0	1	0.1	0	0.0	
2) Production sold (ton)	19	9.6	2	0.4	3	0.3	0	0.0	1	0.5	0	0.0	1	0.1	0	0.0	
3) Percentage sold (%)	7.7	3.7	5.4	1.1	15.0	14.3	0.0	0.0	1.6	0.7	-	-	100.0	100.0	-	-	
4) Production given (ton)	2	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
5) Pro. consumed (1-2-3) (ton)		252.2		37.0		1.8		0.1		69.3		0.0		0.0		0.0	
6) Unit price for sale (kip/kg)		159		150		188		-		245		-		300		-	
7) Total income (2*6) (kip. 1000)		1,526		60		56		-		123		-		30		-	
8) Ave. income per 1) HH (kip)		6,180		1,622		2,820		-		1,914		-		30,000		-	
Model Area																	
1) Production (ton)	330	328.7	48	45	25	3.8	17	3.9	226	381.6	20	9.9	16	3.7	8	2.1	
2) Production sold (ton)	24	10.6	4	1.2	4	0.5	14	3.5	34	26.4	19	9	12	2.3	8	1.9	
3) Percentage sold (%)	7.3	3.2	8.3	2.7	16.0	13.2	82.4	89.7	15.0	6.9	95.0	90.9	75.0	62.2	100.0	90.5	
4) Production given (ton)	2	0.7	0	0.0	0	0.0	0	0.0	18	5.7	2	0.1	2	0.0	1	0.1	
5) Pro. consumed (1-2-3) (ton)		317.4		43.8		3.3		0.4		349.5		0.8		1.4		0.1	
6) Unit price for sale (kip/kg)		163		150		190		546		182		162		165		150	
7) Total income (2*6) (kip. 1000)		1,728		180		95		1,911		4,805		1,458		380		285	
8) Ave. income per 1) HH (kip)		5,236		3,750		3,800		112,412		21,260		72,900		23,719		35,625	

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-39 Annual Paddy Production and Consumption of Paddy Cultivator

Village	Sample H/hold (No.)	Paddy Production						Consumption of Paddy Cultivator		Calculated Balance (Kg/yr)	
		Lowland Paddy HH		Upland Paddy HH		Total Production		Total Produc. (Kg/yr)	Paddy Respo. (No.)		
		Respo. HH (No.)	Ave. Produc. (Kg/yr)	Respo. HH (No.)	Ave. Produc. (Kg/yr)	Respo. HH (No.)	Ave. Produc. (Kg/yr)				
Namon Area											
1. Vangmiang	21	20	1,818	6	206	21	2,024	2,024	21	1,833	191
2. Namon-Tai	31	20	1,971	1	29	21	2,000	2,000	21	2,129	-129
3. Namon-Nua	24	20	1,311	14	423	24	1,734	1,734	24	1,600	134
4. Phonsavang	22	14	1,865	3	125	16	1,990	1,990	16	1,763	227
5. Phonkeo	28	17	1,191	15	481	28	1,672	1,672	28	1,730	-58
6. Ngiou	11	10	2,936	2	200	11	3,136	3,136	11	2,007	1,129
7. Nalao	17	10	1,492	11	664	16	2,156	2,156	16	1,990	166
8. Nakhom	7	6	1,617	0	0	6	1,617	1,617	6	1,788	-171
9. Phongnang	6	4	2,067	2	250	6	2,317	2,317	6	1,860	457
10. Nangeun-Nua	10	2	200	8	919	10	1,119	1,119	10	1,283	-164
11. Nangeun-Tai	14	11	1,133	8	499	14	1,631	1,632	14	1,793	-162
12. Vanghua	23	21	1,541	2	17	21	1,558	1,558	21	1,907	-349
13. Houaysan	8	5	775	5	256	8	1,031	1,031	8	1,566	-535
14. Nampath-Nua	6	1	58	6	663	6	722	721	6	1,102	-380
Sub-total or Average	228	161	1,487	83	324	208	1,811	1,811	208	1,785	26
Somboun Area											
1. Houaymo-Nua	11	8	814	6	549	11	1,363	1,363	11	1,635	-272
2. Houaymo-Tai	17	4	419	8	494	10	913	913	10	2,172	-1,259
3. Thahua-Nua	42	10	484	14	529	22	1,013	1,013	22	1,860	-847
4. Thahua-Tai	30	1	84	9	1,209	10	1,293	1,293	10	1,620	-327
5. Houaypamom	45	0	0	36	1,158	36	1,158	1,158	36	1,713	-555
6. Somsanouk	49	0	0	48	1,369	48	1,369	1,369	48	1,517	-148
7. Nampat	11	0	0	10	1,637	10	1,637	1,637	10	1,746	-109
8. Vangghi	34	13	697	21	933	29	1,630	1,630	29	1,783	-153
9. Phonthong	7	3	440	4	893	7	1,333	1,333	7	1,433	-100
10. Taothan	16	4	203	15	1,160	16	1,363	1,363	16	1,736	-373
11. Nampath-Tai	8	1	60	7	898	8	958	958	8	2,033	-1,075
12. Houayxi	14	0	0	13	494	13	494	494	13	1,241	-747
13. Namphao	44	19	398	31	613	40	1,011	1,011	40	1,799	-788
14. Phakoup	23	0	0	21	861	21	861	861	21	1,372	-511
15. Sivilai	6	0	0	4	593	4	593	593	4	1,845	-1,252
Sub-total or Average	357	63	237	247	943	285	1,181	1,180	285	1,680	-499
Model Area Total or Ave.	585	224	764	330	682	493	1,447	1,446	493	1,724	-277

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-40 (1/2) Livestock Ownership

Village	Sample H'hold (No.)	Cow/ Oxen			Buffalo			Goat/ Sheep			Pig				
		HH Owned (No.)	Number (Head)	Ave. Number (Head/HH)	HH Owned (No.)	Number (Head)	Ave. Number (Head/HH)	HH Owned (No.)	Number (Head)	Ave. Number (Head/HH)	HH Owned (No.)	Number (Head)	Ave. Number (Head/HH)		
Nanon Area															
1. Vangmiang	21	11	52.38	4.73	17	80.95	4.24	0	0.00	0	0.00	17	80.95	31	1.82
2. Nanon-Tai	31	12	38.71	2.50	12	38.71	2.42	5	16.13	25	5.00	12	38.71	24	2.00
3. Nanon-Nua	24	14	58.33	4.29	18	75.00	4.44	6	25.00	23	3.83	19	79.17	50	2.63
4. Phonsavang	22	6	27.27	3.67	6	27.27	6.17	0	0.00	0	0.00	10	45.45	53	5.30
5. Phonkeo	28	13	46.43	2.54	17	60.71	4.65	3	10.71	8	2.67	25	89.29	115	4.60
6. Ngiou	11	10	90.91	3.80	11	100.00	2.91	0	0.00	0	0.00	11	100.00	22	2.00
7. Nalao	17	9	52.94	9.67	13	76.47	7.08	0	0.00	0	0.00	17	100.00	38	2.24
8. Nakhom	7	1	14.29	2.00	3	42.86	3.33	0	0.00	0	0.00	3	42.86	16	5.33
9. Phongnang	6	4	66.67	9.75	4	66.67	8.00	2	33.33	8	4.00	5	83.33	12	2.40
10. Nangoun-Nua	10	5	50.00	3.60	5	50.00	3.40	0	0.00	0	0.00	10	100.00	44	4.40
11. Nangoun-Tai	14	7	50.00	4.00	11	78.57	4.40	0	0.00	0	0.00	12	85.71	54	4.50
12. Vanghua	23	12	52.17	3.58	15	65.22	3.13	0	0.00	0	0.00	10	43.48	30	3.00
13. Houaysan	8	5	62.50	3.00	6	75.00	2.17	1	12.50	1	1.00	3	37.50	6	2.00
14. Nampath-Nua	6	1	16.67	2.00	1	16.67	2.00	1	16.67	1	1.00	5	83.33	7	1.40
Sub-total or Average	228	110	48.25	4.26	139	60.96	4.22	18	7.89	66	3.67	159	69.74	502	3.16
Somboun Area															
1. Houaymo-Nua	11	3	27.27	2.33	3	27.27	1.67	1	9.09	2	2.00	7	63.64	10	1.43
2. Houaymo-Tai	17	7	41.18	3.43	1	5.88	3.00	2	11.76	6	3.00	4	23.53	14	3.50
3. Thahua-Nua	42	10	23.81	8.30	9	21.43	2.56	2	4.76	6	3.00	25	59.52	52	2.08
4. Thahua-Tai	30	6	20.00	2.83	3	10.00	3.67	0	0.00	0	0.00	12	40.00	27	2.25
5. Houaypamom	45	14	31.11	2.29	8	17.78	2.63	0	0.00	0	0.00	26	57.78	47	1.81
6. Somsanouk	49	31	63.27	5.48	2	4.08	4.50	4	8.16	23	5.75	39	79.59	174	4.46
7. Nampat	11	5	45.45	5.40	2	18.18	3.00	1	9.09	1	1.00	7	63.64	23	3.29
8. Vangkhi	34	16	47.06	3.50	11	32.35	3.09	0	0.00	0	0.00	24	70.59	72	3.00
9. Phonthong	7	5	71.43	4.60	2	28.57	5.50	1	14.29	4	4.00	5	71.43	15	3.00
10. Taothan	16	10	62.50	4.30	5	31.25	3.20	3	18.75	6	2.00	15	93.75	65	4.33
11. Nampath-Tai	8	9	112.50	3.00	0	0.00	0.00	1	12.50	4	4.00	7	87.50	15	2.14
12. Houayxi	14	5	35.71	2.60	2	14.29	2.00	0	0.00	0	0.00	5	35.71	12	2.40
13. Namphao	44	24	54.55	4.04	15	34.09	3.33	2	4.55	3	1.50	35	79.55	162	4.63
14. Phakoup	23	5	21.74	3.00	12	52.17	5.00	0	0.00	0	0.00	17	73.91	45	2.65
15. Sivilai	6	4	66.67	17	4.25	1	16.67	1	1.00	0	0.00	4	66.67	8	2.00
Sub-total or Average	357	154	43.14	4.23	76	21.29	3.12	17	4.76	55	3.24	232	64.99	741	3.19
Model Area Total or Ave.	585	264	45.13	4.24	215	36.75	3.83	35	5.98	121	3.46	391	66.84	1243	3.18

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-40 (2/2) Livestock Ownership

Village	Sample H'hold (No.)	Chicken				Duck				Turkey				H'hold with Fish Pond			
		HH Owned		Ave.		HH Owned		Ave.		HH Owned		Ave.		Yes	No		
		Household (No.)	(%)	Number (Head)	(Head/HH)	Household (No.)	(%)	Number (Head)	(Head/HH)	Household (No.)	(%)	Number (Head)	(Head/HH)	(No.)	(%)		
Namoun Area																	
1. Vangmiang	21	20	95.24	333	16.65	17	80.95	74	4.35	7	33.33	47	6.71	6	28.57	15	71.43
2. Namon-Tai	31	27	87.10	311	11.52	12	38.71	69	5.75	5	16.13	22	4.40	2	6.45	29	93.55
3. Namon-Nua	24	23	95.83	340	14.78	9	37.50	56	6.22	0	0.00	0	0.00	10	41.67	14	58.33
4. Phonsavang	22	18	81.82	419	23.28	4	18.18	24	6.00	3	13.64	15	5.00	4	18.18	18	81.82
5. Phonkeo	28	27	96.43	510	18.89	13	46.43	110	8.46	4	14.29	15	3.75	7	25.00	21	75.00
6. Ngiou	11	11	100.00	125	11.36	8	72.73	38	4.75	1	9.09	4	4.00	3	27.27	8	72.73
7. Nalao	17	15	88.24	92	6.13	6	35.29	24	4.00	0	0.00	0	0.00	2	11.76	15	88.24
8. Nakhom	7	6	85.71	93	15.50	4	57.14	16	4.00	1	14.29	3	3.00	2	28.57	5	71.43
9. Phongnang	6	6	100.00	61	10.17	2	33.33	26	13.00	1	16.67	2	2.00	2	33.33	4	66.67
10. Nangeun-Nua	10	10	100.00	595	59.50	1	10.00	12	12.00	0	0.00	0	0.00	2	20.00	8	80.00
11. Nangeun-Tai	14	13	92.86	334	25.69	2	14.29	7	3.50	4	28.57	24	6.00	8	57.14	6	42.86
12. Vanghua	23	23	100.00	379	16.48	15	65.22	90	6.00	10	43.48	77	7.70	8	34.78	15	65.22
13. Houaysan	8	8	100.00	123	15.38	1	12.50	4	4.00	0	0.00	0	0.00	2	25.00	6	75.00
14. Nampath-Nua	6	6	100.00	41	6.83	2	33.33	6	3.00	0	0.00	0	0.00	1	16.67	5	83.33
Sub-total or Average	228	213	93.42	3756	17.63	96	42.11	556	5.79	36	15.79	209	5.81	59	25.88	169	74.12
Somboun Area																	
1. Houaymo-Nua	11	8	72.73	62	7.75	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
2. Houaymo-Tai	17	11	64.71	161	14.64	4	23.53	13	3.25	1	5.88	3	3.00	5	17.65	14	82.35
3. Thahua-Nua	42	26	61.90	389	14.96	7	16.67	33	4.71	1	2.38	2	2.00	3	7.14	39	92.86
4. Thahua-Tai	30	17	56.67	251	14.76	1	3.33	30	30.00	1	3.33	5	5.00	0	0.00	30	100.00
5. Houaypamom	45	42	93.33	555	13.21	8	17.78	25	3.13	4	8.89	10	2.50	0	0.00	45	100.00
6. Somsanouk	49	45	91.84	1002	22.27	13	26.53	52	4.00	5	10.20	20	4.00	0	0.00	49	100.00
7. Nampat	11	10	90.91	131	13.10	3	27.27	10	3.33	0	0.00	0	0.00	1	9.09	10	90.91
8. Vangkhi	34	32	94.12	360	11.25	4	11.76	27	6.75	3	8.82	11	3.67	1	2.94	33	97.06
9. Phonthong	7	6	85.71	120	20.00	2	28.57	8	4.00	0	0.00	0	0.00	0	0.00	7	100.00
10. Taothan	16	11	68.75	87	7.91	4	25.00	12	3.00	0	0.00	0	0.00	1	6.25	15	93.75
11. Nampath-Tai	8	6	75.00	75	12.50	1	12.50	5	5.00	0	0.00	0	0.00	0	0.00	8	100.00
12. Houayxi	14	8	57.14	83	10.38	0	0.00	0	8.81	1	2.27	2	2.00	1	7.14	13	92.86
13. Namphao	44	38	86.36	907	23.87	16	36.36	141	8.81	1	2.27	2	2.00	4	9.09	40	90.91
14. Phakoup	23	20	86.96	393	19.65	7	30.43	48	6.86	0	0.00	0	0.00	1	4.35	22	95.65
15. Sivilai	6	4	66.67	51	12.75	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
Sub-total or Average	357	284	79.55	4627	16.29	70	19.61	404	5.77	16	4.48	53	3.31	15	4.20	342	95.80
Model Area Total or Ave.	585	497	84.96	8383	16.87	166	28.38	960	5.78	52	8.89	262	5.04	74	12.65	511	87.35

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-41 (1/3) Main Feeds for Livestock by Seasons

Village	Sample H/hold (No.)	Owner H/hold (No.)	Main Feeds for Cow/Oxen									
			Wet Season					Dry Season				
			Grass (%)	Tree Folder (%)	Crop Residue (%)	Grain (%)	Root Crops (%)	Grass (%)	Tree Folder (%)	Crop Residue (%)	Grain (%)	Root Crops (%)
Namoun Area												
1. Vangmiang	21	11	100.00	0.00	0.00	0.00	0.00	90.91	0.00	9.09	0.00	0.00
2. Namon-Tai	31	12	100.00	0.00	0.00	0.00	0.00	91.67	0.00	8.33	0.00	0.00
3. Namon-Nua	24	14	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
4. Phonsavang	22	6	100.00	0.00	0.00	0.00	0.00	83.33	0.00	16.67	0.00	0.00
5. Phonkeo	28	13	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
6. Ngrou	11	10	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
7. Nalao	17	9	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
8. Nakhom	7	1	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
9. Phongnang	6	4	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
10. Nangeun-Nua	10	5	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
11. Nangeun-Tai	14	7	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
12. Vanghua	23	12	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
13. Houaysan	8	5	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	6	1	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
Sub-total or Average	228	110	100.00	0.00	0.00	0.00	0.00	97.27	0.00	2.73	0.00	0.00
Somboun Area												
1. Houaymo-Nua	11	3	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	17	7	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
3. Thahua-Nua	42	10	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
4. Thahua-Tai	30	6	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
5. Houaypamom	45	14	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
6. Somsanouk	49	31	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
7. Nampat	11	5	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
8. Vangkhi	34	16	100.00	0.00	0.00	0.00	0.00	93.75	0.00	6.25	0.00	0.00
9. Phonthong	7	5	80.00	0.00	20.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
10. Taothan	16	10	80.00	0.00	20.00	0.00	0.00	70.00	0.00	30.00	0.00	0.00
11. Nampath-Tai	8	9	100.00	0.00	0.00	0.00	0.00	88.89	0.00	11.11	0.00	0.00
12. Houayxi	14	5	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
13. Namphao	44	24	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
14. Phakoup	23	5	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
15. Sivilai	6	4	100.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
Sub-total or Average	357	154	98.05	0.00	1.95	0.00	0.00	96.75	0.00	3.25	0.00	0.00
Model Area Total or Ave.	585	264	98.86	0.00	1.14	0.00	0.00	96.97	0.00	3.03	0.00	0.00

Source: Socio-economic Baseline Survey, 1996, JICA Study Team

Table 3-3-41 (3/3) Main Feeds for Livestock by Seasons

Village	Sample H/hold (No.)	Owner H/hold (No.)	Main Feeds for Goats											
			Wet Season						Dry Season					
			Grass (%)	Tree Folder (%)	Root Crops (%)	Grain (%)	Residue (%)	Grass (%)	Tree Folder (%)	Root Crops (%)	Grain (%)	Residue (%)	Root Crops (%)	
Namou Area														
1. Vangmiang	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Namon-Tai	31	5	80.00	20.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Namon-Nua	24	6	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Phonsavang	22	0	0.00	0.00	0.00	0.00	66.67	33.33	0.00	0.00	0.00	0.00	0.00	0.00
5. Phonkeo	28	3	66.67	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Ngiou	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nalao	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Nakhom	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phongnang	6	2	50.00	50.00	0.00	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Nangeun-Nua	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Nangeun-Tai	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Vanghua	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Houaysan	8	1	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Nampath-Nua	6	1	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	228	18	83.33	16.67	0.00	0.00	88.89	11.11	0.00	0.00	0.00	0.00	0.00	0.00
Sombou Area														
1. Houaymo-Nua	11	1	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Houaymo-Tai	17	2	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Thahua-Nua	42	2	100.00	0.00	0.00	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Thahua-Tai	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Houaypamom	45	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Somsanouk	49	4	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Nampat	11	1	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Vangkhi	34	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Phonthong	7	1	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Taothan	16	3	33.33	33.33	33.33	0.00	33.33	33.33	33.33	0.00	0.00	33.33	0.00	0.00
11. Nampath-Tai	8	1	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Houayxi	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Nampbao	44	2	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Phakoup	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Sivilai	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total or Average	357	17	88.24	5.88	5.88	0.00	82.35	11.76	5.88	0.00	0.00	5.88	0.00	0.00
Model Area Total or Ave.	585	35	85.71	11.43	2.86	0.00	85.71	11.43	2.86	0.00	0.00	2.86	0.00	0.00

Source: Socio-economic Baseline Survey, 1996, JICA Study Team