

SOCIO-ECONOMIC BASELINE SURVEY

MAE CHAEM DISTRICT POCKET AREA

MAE CHAEM DISTRICT, CHIANG MAI PROVINCE

Prasert Bhandhachat
G. Lamar Robert
Vachara Sindhuprama
Sriwan Wongcharoen
Kobgarn Phochanachai
Boonthong Poocharoen, Advisor

Payap Research and Development Institute
Payap University
Chiang Mai, Thailand

1991

PRDI Publication No. 79

FOREWORD

This socio-economic survey of the Pai District Pocket Area, Mae Hong Son Province, the Mae La Noi District Pocket Area, Mae Hong Son Province and the Mae Chaem District Pocket Area, Chiang Mai Province was accomplished by the Payap Research and Development Institute, Payap University for the Integrated Pocket Area Development Project (IPAD) during the period April-June 1991.

This socio-economic survey was accomplished by Payap University researchers assisted by teams of field enumerators. Field work was done over a one month period. Most of the remaining time was used to analyze the data obtained and prepare the final report. The specific data obtained and the method of analysis and presentation was designed to respond to key indicators of development provided to the Payap Research and Development Institute by 1PAD.

The success of this survey activity is the result of cooperation between many individuals and institutions, both in government and the private sector including the district chiefs of Pai, Mae La Noi and Mae Chaem, IPAD personnel including the Head the Project Advisory Office and the project Chief Technical To each of and the entire project staff. organizations and individuals the Payap Research and Development Institute wishes to extend our thanks. Our special thanks are also due to all the village leaders and farmers in the Pai District, Mae La Noi District and Mae Chaem District who willingly answered the many questions of the Payap field interviewers. Special thanks are also due to Dr. Boonthong Poocharoen, Vice President for Academic Affairs, Payap University, who, in his capacity as Project Advisor, provided advice and encouragement from the outset of the project until its completion.

The final person the Payap Research and Development Institute wishes to give special thanks to is Dr. Amnuay Tapingkae, President of Payap University, who gave his permission for and supported the instructors of Payap University and the Payap Research and Development Institute in the successful accomplishment of this survey effort.

(Prasert Bhandhachat)
Director
Payap Research and
Development Institute

NOTES ON BASELINE SURVEY TABLES

TECHNICAL NOTES

- 1. n = Total number who responded to the question. Excludes, e.g., persons who could not remember how much rice they purchased in the past year.
- 2. VALID N = Total number who have a non-zero response to the question. For example, in the table on pig production, the VALID N is the total number of households raising pigs. In this case, n is the number of households which were surveyed regarding pig production.
- 3. TOTAL = In the right hand column is the total number responding in each village, i.e., the total for that village. TOTAL in the bottom row of each table is the total for the entire project area. Where totals would be inappropriate or likely to be confusing, they have been omitted.

NOTES ON THE DATA

- 1. Data on agricultural area owned and cultivated should be used with caution. Villagers often over or under estimate their land holdings for various reasons. The same caveat applies to a lesser extent to yields and values of crops sold.
- 2. Data on household expenses should be used with caution. It was often difficult for villagers to remember their expenses for an entire year.

Table of Contents

	Ps	age
Foreword .		ii
Notes on Bas	eline Survey Tables	iii
Section 1.	VILLAGE AND AREA SUMMARY	1
Section 2.	VILLAGE PROFILE	7
Section 3.	HOUSEHOLD SURVEY	37
Section 4.	VILLAGE MAPS	82
Section 5.	APPENDICES	94

List of Tables

	· · · · · · · · · · · · · · · · · · ·	oage
VILLA	AGE PROFILE	
V1.	VILLAGE COMMITTEE SITUATION AND ATTENDANCE OF VILLAGE REPRESENTATIVES AT TAMBON/DISTRICT MEETINGS	28
V2.	VILLAGE COMMITTEE SITUATION AND ATTENDANCE OF VILLAGE REPRESENTATIVES AT TAMBON/DISTRICT MEETINGS (Cont.)	28
v3.	VILLAGE IN/OUT MIGRATION OVER THE PAST YEAR	29
V4.	VILLAGE YOUTH EDUCATION SITUATION	30
V5.	VILLAGE YOUTH EDUCATION SITUATION (Cont.)	30
v6.	ADULT EDUCATION IN THE VILLAGE	31
٧7.	VILLAGE HEALTH FACILITIES	32
V8	VILLAGE HOUSEHOLD WATER SUPPLY	32
V9.	VILLAGE DEVELOPMENT PROJECTS	33
V10.	VILLAGE RICE BANKS	34
V11.	VILLAGE REVOLVING FUNDS	34
V12.	OPIUM ADDICTION/REHABILITATION AND OPIUM CROP DESTRUCTION	35
V13.	AGRICULTURAL IRRIGATION PROJECTS IN THE VILLAGE	- 36
V14.	INFRASTRUCTURE PROJECTS (GOVERNMENT FUNDS)	36
HOUSE	CHOLD SURVEY	
Н1.	TRIBAL DISTRIBUTION	38
Н2.	AGE DISTRIBUTION BY SEX AND AGE COHORT	39
н3.	HOUSEHOLDS WITH INDIVIDUALS MIGRATING IN OR OUT IN	40

List of Tables (Cont.)

	•	Page
н4.	MARITAL STATUS (PERSONS AGE 15 AND OVER)	41
Н5.	HAVE GOVERNMENT IDENTIFICATION CARD (PERSONS AGE 15 AND OVER)	42
Н6.	HOUSEHOLD REGISTRY OF HOUSEHOLD MEMBERS	43
н7.	LAND TENURE STATUS	44
н8.	RELIGION	45
Н9.	CENTRAL AND NORTHERN THAI LANGUAGE ABILITY (PERSONS OVER 10)	46
Н10.	EDUCATION LEVEL (AGE 15 AND OVER)	47
Н11.	HOUSEHOLDS IN WHICH ONE OR MORE MEMBERS RECEIVED TRAINING	48
Н12.	ROOF AND WALL MATERIAL OF DWELLINGS	49
Н13.	HOUSEHOLDS OWNING SELECTED AGRICULTURAL IMPLEMENTS	50
Н14.	HOUSEHOLDS WITH SELECTED ASSETS	51
Н15.	ANNUAL HOUSEHOLD INCOME FROM EMPLOYMENT AS HIRED LABORER, OTHER SOURCES	5,2
н16.	AVERAGE ANNUAL HOUSEHOLD EXPENSES BY TYPE	53
Н17.	HOUSEHOLDS WITH ONE OR MORE MEMBERS USING FAMILY PLANNING	54
н18.	HOUSEHOLDS WITH FEMALES USING FAMILY PLANNING BY TYPE	55
н19.	HOUSEHOLDS WITH MALES USING FAMILY PLANNING BY TYPE	5€
н20.	HOUSEHOLDS WITH TOILETS	57
H21A.	TOTAL DEATHS IN THE PAST YEAR BY CAUSE OF DEATH	58
H21B.	TOTAL BIRTHS AND INFANT DEATHS IN THE PAST YEAR	58
Н22.	HOUSEHOLDS IN WHICH ONE OR MORE MEMBERS HAD MALARIA IN THE PAST YEAR	59

List of Tables (Cont.)

	ı	age
Н23.	HOUSEHOLDS WITH PERSONS STILL ILL WITH MALARIA	60
Н24.	HOUSEHOLDS WITH OPIUM ADDICT	61
Н25.	HOUSEHOLDS ENGAGING IN SHIFTING CULTIVATION	62
H26.	AVERAGE YEARS UPLAND FIELDS USED/FALLOWED	63
Н27.	AVERAGE TOTAL CULTIVATED AREA PER HOUSEHOLD	63
H28.	HOUSEHOLDS USING ANIMAL MANURE OF FERTILIZER	64
H29.	HOUSEHOLDS WITH KITCHEN GARDENS	65
н30.	MONTHS HOUSEHOLD HAD INSUFFICIENT RICE	66
Н31.	AVERAGE UPLAND RICE SEED PLANTED, YIELD AND YIELD/ PLANTED RATIO	67
н32.	AVERAGE PADDY RICE SEED PLANTED, YIELD AND YIELD/ PLANTED RATIO	68
н33.	AVERAGE AMOUNT AND VALUE OF RICE SOLD	69
Н34.	AVERAGE AMOUNT AND VALUE OF RICE BOUGHT	69
Н35.	AVERAGE AMOUNT AND VALUE OF RICE BORROWED	70
Н36.	CHILI PRODUCTION	71
Н37.	SESAME PRODUCTION	71
Н38.	SOYBEAN PRODUCTION	72
Н39.	CORN PRODUCTION	72
H40.	PUMPKIN PRODUCTION	73
Н41.	VALUE OF OTHER FIELD CROPS SOLD	74
H42.	MARKET SITE FOR CHILI, SESAME, SOYBEAN, MUNGBEAN, CORN, PUMPKIN	74
Н43.	MARKET SITE FOR COFFEE, JACKFRUIT, MANGO, PEACH	74
H44.	COFFEE PRODUCTION	. 75
Н45.	JACKFRUIT PRODUCTION	75
Н46.	MANGO PRODUCTION	76

List of Tables (Cont.)

			Page
Н47.	LIVESTOCK SITUATION:	CHICKENS,	. 77
H48:	LIVESTOCK SITUATION:	DUCKS	. 77
		P1GS	
		GOATS	
		CATTLE	
Н52.	LIVESTOCK SITUATION:	BUFFALO	. 80
н53.	LIVESTOCK SITUATION:	ELEPHANTS	. 81