# 社会開発調査部報告書

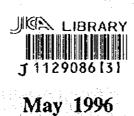


## JAPAN INTERNATIONAL COOPERATION AGENCY

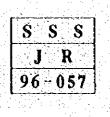
# THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS THE GOVERNMENT OF THE PHILIPPINES

# THE STUDY ON FLOOD AND MUDFLOW CONTROL FOR SACOBIA - BAMBAN / ABACAN RIVER DRAINING FROM MT. PINATUBO

# DATABOOK



NIPPON KOEI Co., Ltd., Tokyo Japan in association with CTI ENGINEERING Co., Ltd., Tokyo Japan



# JAPAN INTERNATIONAL COOPERATION AGENCY

9

1.1

韵

# THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS THE GOVERNMENT OF THE PHILIPPINES

# THE STUDY ON FLOOD AND MUDFLOW CONTROL FOR SACOBIA - BAMBAN / ABACAN RIVER DRAINING FROM MT. PINATUBO

# DATABOOK

May 1996

NIPPON KOEI Co., Ltd., Tokyo Japan in association with CTI ENGINEERING Co., Ltd., Tokyo Japan

### EXECUTIVE SUMMARY

#### MAIN REPORT

### APPENDIX I MASTER PLAN STUDY

- A. Socio-economy
- B. Flood/Mudflow Damages
- C. Geomorphology
- D. Meteo-hydrology

E. Land Use

F. Sediment Balance

G. Lahar Analysis

H. Flood Control/Sabo Structures

J. Road Network Development

K. Agricultural Development

L. Lahar Material Survey

M. Resettlement/Evacuation

N. Flood Warning System

**P. Initial Environmental Examination** 

Q. Remote Sensing Analysis

R. GIS Data Analysis

APPENDIX II FEASIBILITY STUDY

A. Flood/Mudflow Control Works B. Road and Bridges C. Construction Plan / Cost Estimate D. Environmental Impact Assessment

E. Project Evaluation

#### DATABOOK (\*)

DB.1 Socio-economic Data DB.2 Hydrological Data DB.3 Geotechnical Data DB.4 Sediment Data DB.5 Extent of Damage DB.6 GIS Data Dictionary

### **OPERATION AND MAINTENANCE MANUAL (\*)** OM.1 Hydrological Gauging Equipment

OM 2 GIS Training

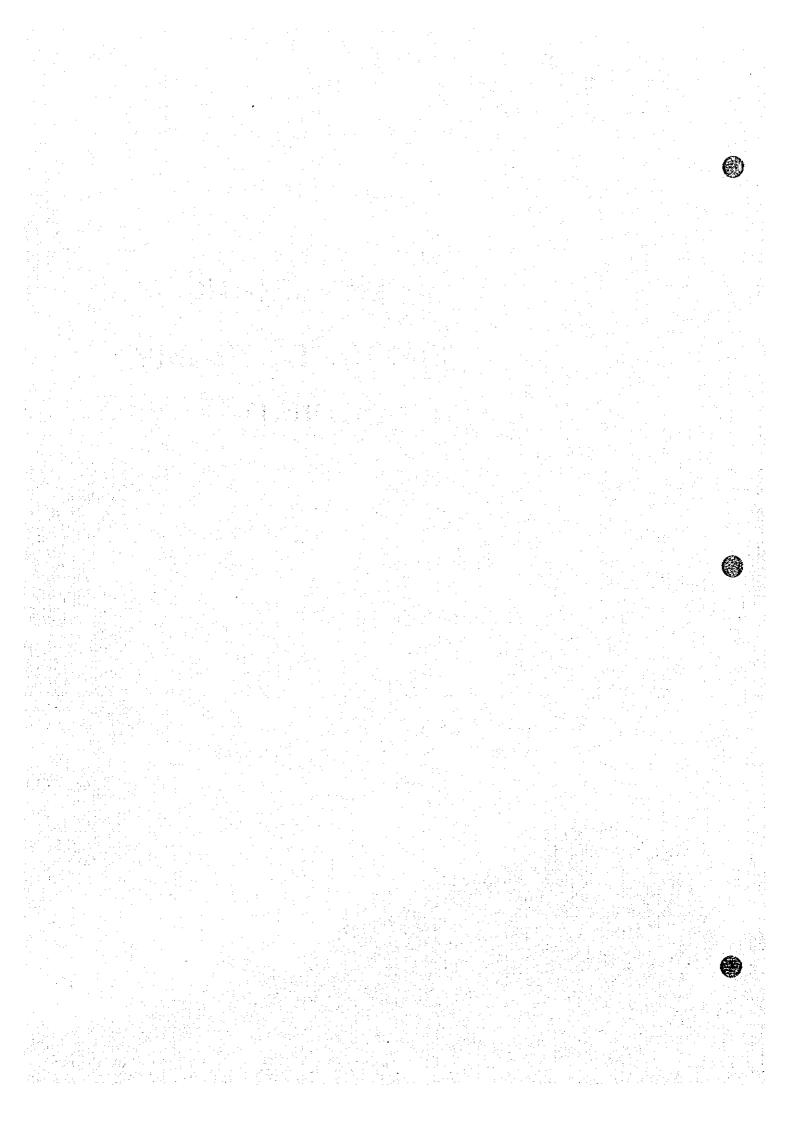
Note : Marked (\*) shows the limited number of copies.

Remarks : The cost estimate in this Study was based on the November 1995 price level, and expressed in Philippine Pesos equivalent according to the exchange rate Philippine Peso 25.0 = Japanese Yen 100.0 (= US dollars 1.0) prevailing at that time.



**(** 

# DATABOOK SOCIO - ECONOMY (DB.1)



# DATABOOK (DB.1)

### SOCIO-ECONOMY

## TABLE OF CONTENTS

# Page

PART I LOCATION MAP	
Contour Map - Abacan, Sacobia-Bamban Rivers	1-1
Drainage Area - Abacan, Sacobia-Bamban Rivers	1-2
Map of Municipalities & City covered by the Project Study	I-3
City Map of Angeles, Pampanga	1-4
Municipal Map of Arayat, Pampanga	I-5
Municipal Map of Mabalacat, Pampanga	1-6
Municipal Map of Magalang, Pampanga	1-7
Municipal Map of Mexico, Pampanga	1-8
Municipal Map of Sta. Ana, Pampanga	1-9
Municipal Map of Bamban, Tarlac	I-10
Municipal Map of Capas, Tarlac	<b>J-11</b>
Municipal Map of Concepcion, Tarlac	I-12
List of Barangays Affected/Threatened by Pinatubo Volcanic and Flood Hazards.	I-13
Barangays Classified by Threatened, Affected & Unaffected - October 1994 -	
Angeles City	I-20
Barangays Classified by Threatened, Affected & Unaffected - October 1994 -	
Arayat, Pampanga	1-21
Baraneavs Classified by Threatened, Affected & Unaffected - October 1994 -	
Mabalacat, Pampanga	1-22
Barangays Classified by Threatened, Affected & Unaffected - October 1994 -	
Magalang, Pampanga	1-23
Barangays Classified by Threatened, Affected & Unaffected - October 1994 -	
Mexico, Pampanga	1-24
Barangays Classified by Threatened, Affected & Unaffected - October 1994 -	
Sta. Ana, Pampanga	1-25
Barangays Classified by Threatened, Affected & Unaffected - October 1994 -	
	I-26
Barangays Classified by Threatened, Affected & Unaffected - October 1994 -	
Capas, Tarlac	1-27
Barangays Classified by Threatened, Affected & Unaffected - October 1994 -	
Concepcion, Tarlac	1-28

۲

8

۲

(i)

### PART II POPULATION DATA

Total Population, Annual Growth Rate, Number of Households and Average

	Total Population, Annual Growth Rate, Author of Households and Average	
	Household Size 1980, 1990, 1994	II-1
	Population 1980, 1990, 1994 - Affected/Unaffected Area - Angeles City	II-10
	Population 1980, 1990, 1994 - Affected/Unaffected Area - Arayat, Pampanga	11-11
	Population 1980, 1990, 1994 - Affected/Unaffected Area - Mabalacat, Pampanga.	II-12
	Population 1980, 1990, 1994 - Affected/Unaffected Area - Magalang, Pampanga.	II-13
	Population 1980, 1990, 1994 - Affected/Unaffected Area - Mexico, Pampanga	11-14
	Population 1980, 1990, 1994 - Affected/Unaffected Area - Sta. Ana, Pampanga.	II-15
	Population 1980, 1990, 1994 - Affected/Unaffected Area - Bamban, Tarlac	11-16
	Population 1980, 1990, 1994 - Affected/Unaffected Area - Capas, Tarlac	II-17
	Population 1980, 1990, 1994 - Affected/Unaffected Area - Concepcion, Tarlac	H-18
	Population 1980, 1990, 1994 - Threatened Barangay - Angeles City	II-19
	Population 1980, 1990, 1994 - Threatened Barangay - Arayat, Pampanga	11-20
	Population 1980, 1990, 1994 - Threatened Barangay - Mabalacat, Pampanga	II-21
	Population 1980, 1990, 1994 - Threatened Barangay - Magalang, Pampanga	II-22
	Population 1980, 1990, 1994 - Threatened Barangay - Mexico, Pampanga	11-23
	Population 1980, 1990, 1994 - Threatened Barangay - Sta. Ana, Pampanga	11-24
•	Population 1980, 1990, 1994 - Threatened Barangay - Bamban, Tarlac	11-25
	Population 1980, 1990, 1994 - Threatened Barangay - Capas, Tarlac	II-26
	Population 1980, 1990, 1994 - Threatened Barangay - Concepcion, Tarlac	II-27
	Population as of August 1994	11-28
1.1.1	Number of Aeta Families in Tarlac and Pampanga as of August 1994	11-33
-	Population by Barangay, 1994 - Angeles City	II-35
	Population by Barangay, 1994 - Arayat, Pampanga	II-36
	Population by Barangay, 1994 - Mabalacat, Pampanga	II-37
	Population by Barangay, 1994 - Magalang, Pampanga	11-38
	Population by Barangay, 1994 - Mexico, Pampanga	11-39
	Population by Barangay, 1994 - Sta. Ana, Pampanga	11-40
	Population by Barangay, 1994 - Bamban, Tarlac	11-41
	Population by Barangay, 1994 - Capas, Tarlac	11-42
		II-43

# PART III HOUSEHOLD DATA

Number of Household by Size	111-1
Household Migration Profile	111-10
Number of Households by Residence in May 1990	111-19

0

0

鬱

Household Population by Broad Age Group	111-28
Household Population by School Age Group - Angeles, Pampanga	III-35
Household Population by School Age Group - Arayat, Pampanga	
Household Population by School Age Group - Mabalacat, Pampanga	111-37
Household Population by School Age Group - Magalang, Pampanga	
Household Population by School Age Group - Mexico, Pampanga	
Household Population by School Age Group - Sta. Ana, Pampanga	
Household Population by School Age Group - Bamban, Tarlac	111-41
Household Population by School Age Group - Capas, Tarlac	HII-42
Household Population by School Age Group - Concepcion, Tarlac	
Household Population by Employment Status: 1994	
Number of Households by Annual Income	iii-50
Number of Households by Area Classification	III-59
Number of Households Affected by Floodflows	111-65

# PART IV RESETTLEMENT/EVACUATION

٢

C

Status of Housing Program (Lowland) as of September 30, 1994	1V-1
Housing Occupancy Status	IV-2
Profile of Existing Resettlement Sites in Pampanga and Tarlac Study Area	· IV-3
Summary of Facilities in Existing Resettlement Sites in Pampanga and Tarlac	
Study Area	IV-5
Projected Utility Requirements of Evacuation Sites	IV-7
Projected Utility Requirements of Evacuation Sites - Angeles City	1V-8
Projected Utility Requirements of Evacuation Sites - Mabalacat, Pampanga	IV-9
Projected Utility Requirements of Evacuation Sites - Mexico, Pampanga	IV-10
Projected Utility Requirements of Evacuation Sites - Sta. Ana, Pampanga	IV-11
Projected Utility Requirements of Evacuation Sites - Bamban, Tarlac	IV-12
Projected Utility Requirements of Evacuation Sites - Capas, Tarlac	IV-13
Projected Utility Requirements of Evacuation Sites - Concepcion, Tarlac	IV-14
Proposed Rehabilitation and Resettlement Programs for Actas	IV-15
Proposed Rehabilitation and Resettlement Programs/Projects for the	
Mt. Pinatubo Victims	IV-16
Selected Characteristics of Aetas in Resettlement Sites, 1992	IV-19
Summary of DSWD Projects in Resettlement and Evacuation Sites within the	
Summary of DSwD Projects in Rescarcine and Entertained of other with and Study Area	IV-21
Accomplishment Report of Implemented DSWD Projects in Resettlement and	
	IV-23
Evacuation Sites of Central Luzon	

۲

63

0

Resettlement/Evacuation Facilities - Angeles City.	IV-25
Resettlement/Evacuation Facilities - Arayat, Pampanga	IV-26
Resettlement/Evacuation Facilities - Magalang, Pampanga	IV-27
Resettlement/Evacuation Facilities - Mexico, Pampanga	IV-28
Resettlement/Evacuation Facilities - Sta. Ana, Pampanga	IV-29
Resettlement/Evacuation Facilities - Bamban, Tarlac	IV-30
Resettlement/Evacuation Facilities - Capas, Tarlac	IV-31
Resettlement/Evacuation Facilities - Concepcion, Tarlac	IV-32
Total Number of Evacuees and Capacity of Evacuation Sites	IV-33
Number of Evacuees, Capacity of Evacuation Centers and Location of Pick-up	
Points, Angeles City	IV-34
Number of Evacuees, Capacity of Evacuation Centers and Location of Pick-up	
Points, Mabalacat, Pampanga	IV-35
Number of Evacuees, Capacity of Evacuation Centers and Location of Pick-up	
Points, Magalang, Pampanga	IV-36
Number of Evacuees, Capacity of Evacuation Centers and Location of Pick-up	* .
Points, Mexico, Pampanga	IV-37
Number of Evacuees, Capacity of Evacuation Centers and Location of Pick-up	
Points, Sta. Ana, Pampanga	IV-38
Number of Evacuees, Capacity of Evacuation Centers and Location of Pick-up	•
	IV-39
Number of Evacuces, Capacity of Evacuation Centers and Location of Pick-up	
Points, Capas, Tarlac	IV-40
Number of Evacuees, Capacity of Evacuation Centers and Location of Pick-up	
Points, Concepcion, Tarlac	
Household Evacuated by Municipality of Present Residence and by Municipality	
of Destination - Angeles City	IV-42
Household Evacuated by Municipality of Present Residence and by Municipality	
of Destination - Arayat, Pampanga	IV-43
Household Evacuated by Municipality of Present Residence and by Municipality	
of Destination - Mabalacat, Pampanga	IV-44
Household Evacuated by Municipality of Present Residence and by Municipality	
of Destination - Magalang, Pampanga	IV-45
Household Evacuated by Municipality of Present Residence and by Municipality	·
of Destination - Mexico, Pampanga	IV-46
Household Evacuated by Municipality of Present Residence and by Municipality	
of Destination - Sta. Ana, Pampanga	IV-47

( iv )

Household Evacuated by Municipality of Present Residence and by Municipality	
of Destination - Bamban, Tarlac	IV-48
Household Evacuated by Municipality of Present Residence and by Municipality	
of Destination - Capas, Tarlac	18-49
Household Evacuated by Municipality of Present Residence and by Municipality	
of Destination - Concepcion, Tarlac	10-50

# PART V EMPLOYMENT/LIVELIHOOD

0

8

	V-1
Employment Rate	V-7
Employed Persons at Least 15 Years Old by Major Occupation	V-16
Unemployed Population by Type of Skills	V-10 V-24
Employment Rate : 1994 - Angeles City, Pampanga	v-24 V-25
Employment Rate : 1994 - Arayat, Pampanga	
Employment Rate: 1994 - Mabalacat, Pampanga	V-26
Employment Rate : 1994 - Magaiang, Pampanga	V-27
Employment Rate: 1994 - Mexico, Pampanga	V-28
Employment Rate : 1994 - Sta. Ana, Pampanga	V-29
Employment Rate : 1994 - Bamban, Tarlac	V-30
Employment Rate : 1994 - Capas, Tarlac	V-31
Employment Rate: 1994 - Concepcion, Tarlac	V-32
Types, Number and Beneficiaries of Livelihood Projects - Angeles City	V-33
Types, Number and Beneficiaries of Livelihood Projects - Mabalacat, Pampanga.	V-34
Types, Number and Beneficiaries of Livelihood Projects - Magalang, Pampanga.	V-35
Types, Number and Beneficiaries of Livelihood Projects - Mexico, Pampanga	V-36
Types, Number and Beneficiaries of Livelihood Projects - Bamban, Tarlac	V-37
Types, Number and Beneficiaries of Livelihood Projects - Capas, Tarlac	V-38
Types, Number and Beneficiaries of Livelihood Projects - Concepcion, Tarlac	V-39
Location of Registered Establishments with Capitalization of P1M and over -	
Angeles City	V-40
Location of Registered Establishments with Capitalization of PIM and over -	· . · · ·
Arayat, Pampanga.	V-41
Location of Registered Establishments with Capitalization of PIM and over -	
Mabalacat, Pampanga.	V-42
Location of Registered Establishments with Capitalization of P1M and over -	
Magalang, Pampanga	V-43
Location of Registered Establishments with Capitalization of P1M and over -	
Mexico, Pampanga	° V-44
Mexico, rampanga	

•

Location of Registered Establishments with Capitalization of P1M and over -	VI 45
Sta. Ana, Pampanga	V-45
Location of Registered Establishments with Capitalization of P1M and over - Bamban, Tarlac	V-46
Location of Registered Establishments with Capitalization of P1M and over -	¥-40
Capas, Tarlac	V-47
Location of Registered Establishments with Capitalization of P1M and over -	v
Concepcion, Tarlac	V-48
PART VI SCHOOL/HEALTH/RELIGIOUS FACILITIES	
Location Map, School Facilities - Angeles City	VI-1
Location Map, School Facilities - Arayat, Pampanga	VI-2
Location Map, School Facilities - Mabalacat, Pampanga	VI-3
Location Map, School Facilities - Magalang, Pampanga	VI-4
Location Map, School Facilities - Mexico, Pampanga	VI-5
Location Map, School Facilities - Sta. Ana, Pampanga	VI-6
Location Map, School Facilities - Bamban, Tarlac	· VI-7
Location Map, School Facilities - Capas, Tarlac	VI-8
Location Map, School Facilities - Concepcion, Tarlac	VI-9
Location Map, Health Facilities - Angeles City	VI-10
Location Map, Health Facilities - Arayat, Pampanga	VI-11
Location Map, Health Facilities - Mabalacat, Pampanga	VI-12
Location Map, Health Facilities - Magalang, Pampanga	VI-13
Location Map, Health Facilities - Mexico, Pampanga	VI-14
Location Map, Health Facilities - Sta. Ana, Pampanga	VI-15
Location Map, Health Facilities - Bamban, Tarlac	VI-16
Location Map, Health Facilities - Capas, Tarlac	VI-17
Location Map, Health Facilities - Concepcion, Tarlac	VI-18
Location Map, Religious Facilities - Angeles City	VI-19
Location Map, Religious Facilities - Arayat, Pampanga	VI-20
Location Map, Religious Facilities - Mabalacat, Pampanga	VI-21
Location Map, Religious Facilities - Magalang, Pampanga	VI-22
Location Map, Religious Facilities - Mexico, Pampanga	V1-23
Location Map, Religious Facilities - Sta. Ana, Pampanga	VI-24
Location Map, Religious Facilities - Bamban, Tarlac	VI-25
Location Map, Religious Facilities - Capas, Tarlac	VI-26
Location Map, Religious Facilities - Concepcion, Tarlac	VI-27

0

0



PAKI	VII DATA ON PROJECT EVALUATION	
VII.1	Summary of Barangay Data Base in Sacobia/Bamban River Basin	VII-1
VII.2	Summary of Barangay Data Base in Abacan River Basin	VII-5
VII.3	Number of Buildings Located in Probable Flood Areas in	
	Sacobia/Bamban and Abacan River Basins	VII-9
VII.4	Summary of Traffic Counting on Magalang-Tarlac Road	VII-16
VII.5	Traffic Counting at Three Stations at Magalang-Tarlac Road on	
	July 19, 1995	VII-19
VII.6	Summary of Traffic Data on North Luzon Expressway on	
	July 19, 1995	VII-20
VII.7	Traffic Data in the Study Area	VII-22
VII-8	DPWH Traffic Counting Survey in November 1994	VII-23
VII-9	Analysis of Economic Benefit in Sacobia/Bamban River Basin	VII-24
VII-10	Analysis of Economic Benefit in Abacan River Basin	VII-26
VII-11	Data on Shadow Pricing of Land Acquisition Cost	VII-28
VII-12	Location Map of Priority Schemes for Irrigation Development	VII-29
VII-13	Location of Three Stations for Traffic Survey Conducted by	
	JICA Study Team	VII-30

0

8

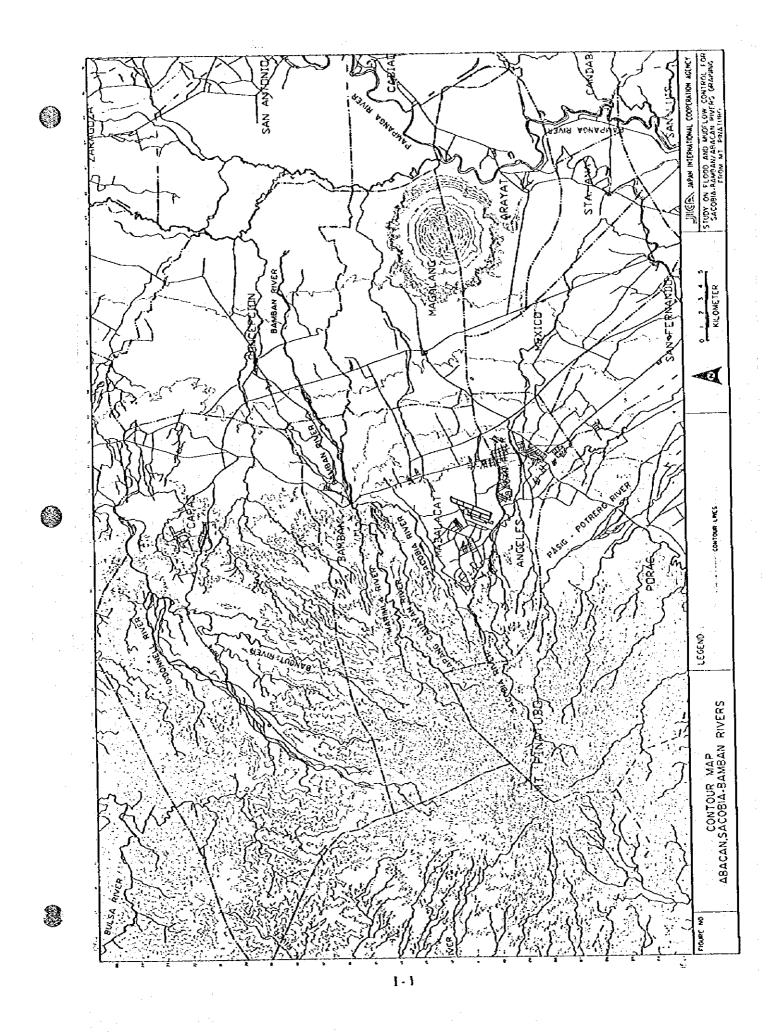
# (vii)

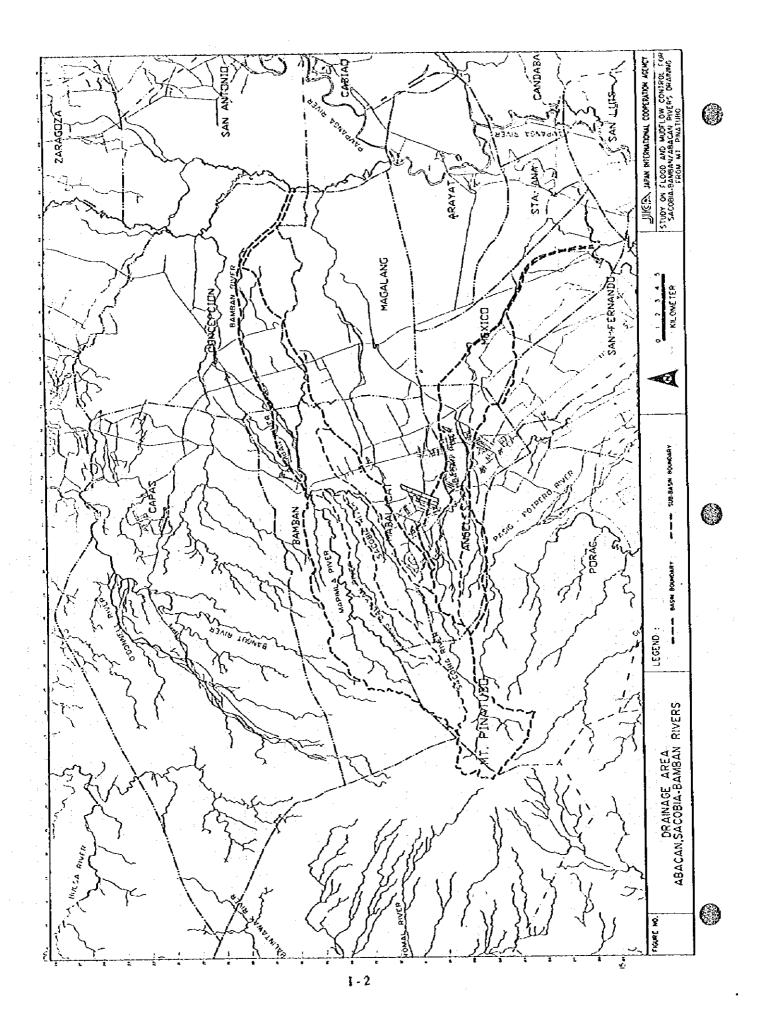
٩ ()

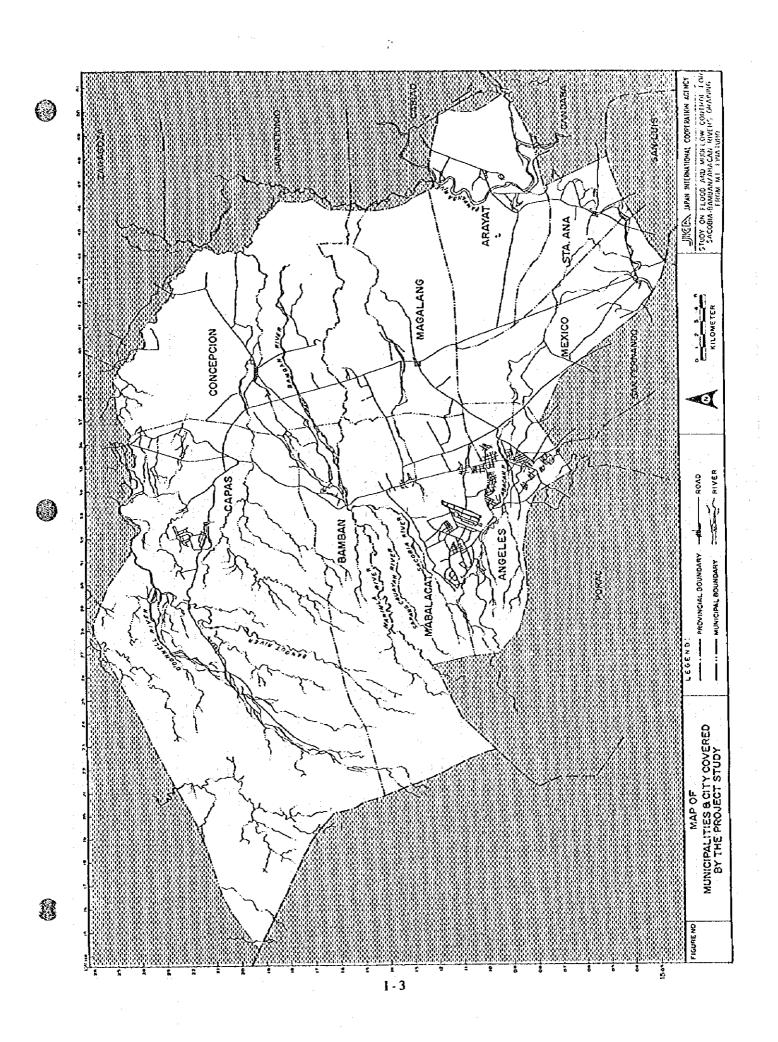
· . .

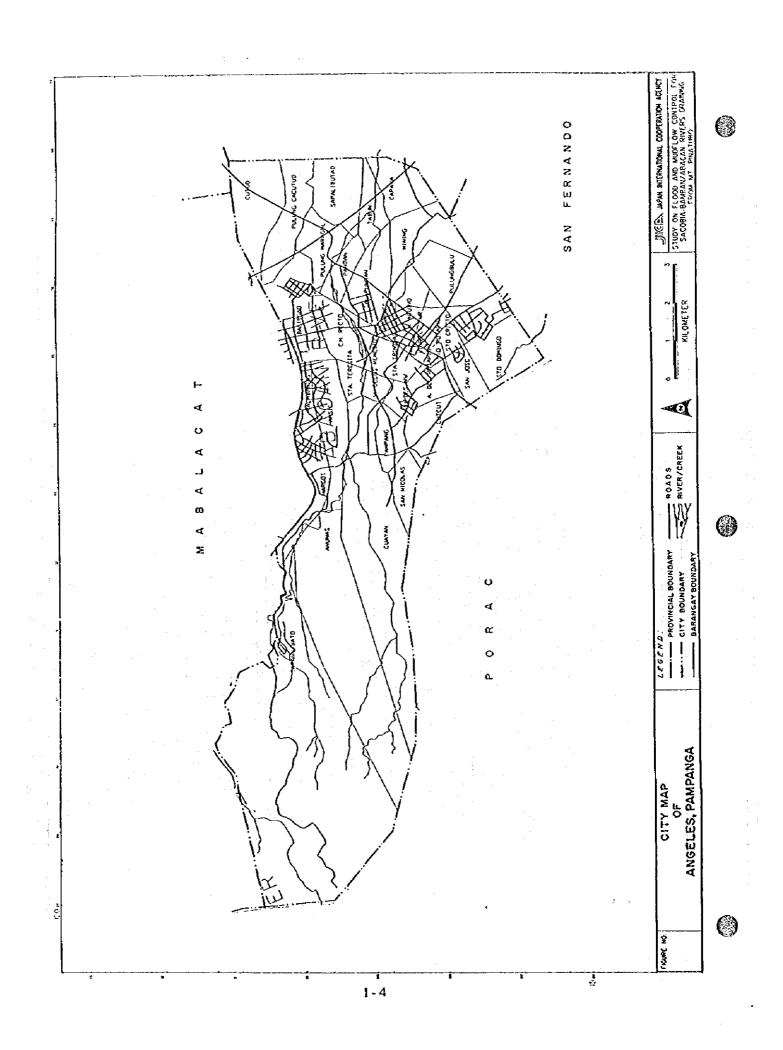
# PART I LOCATION MAP

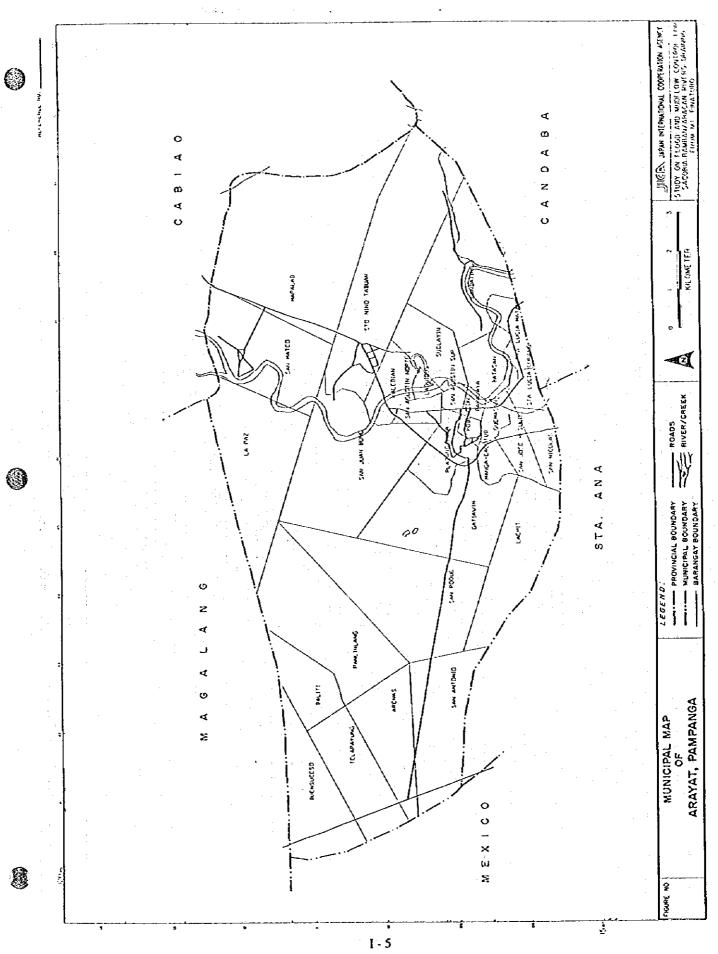
0



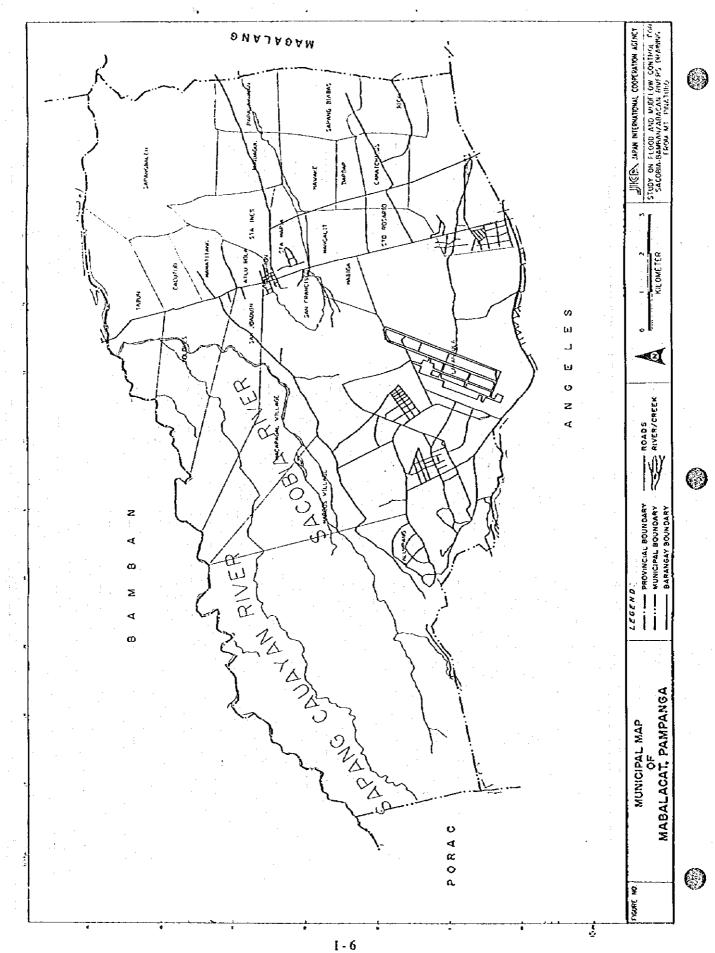


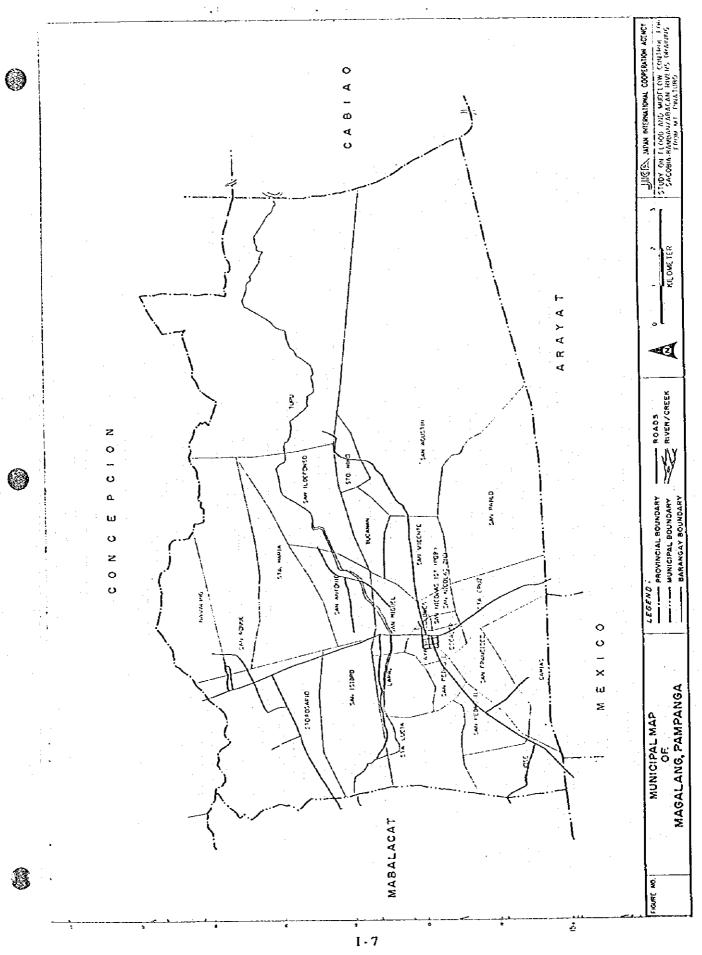


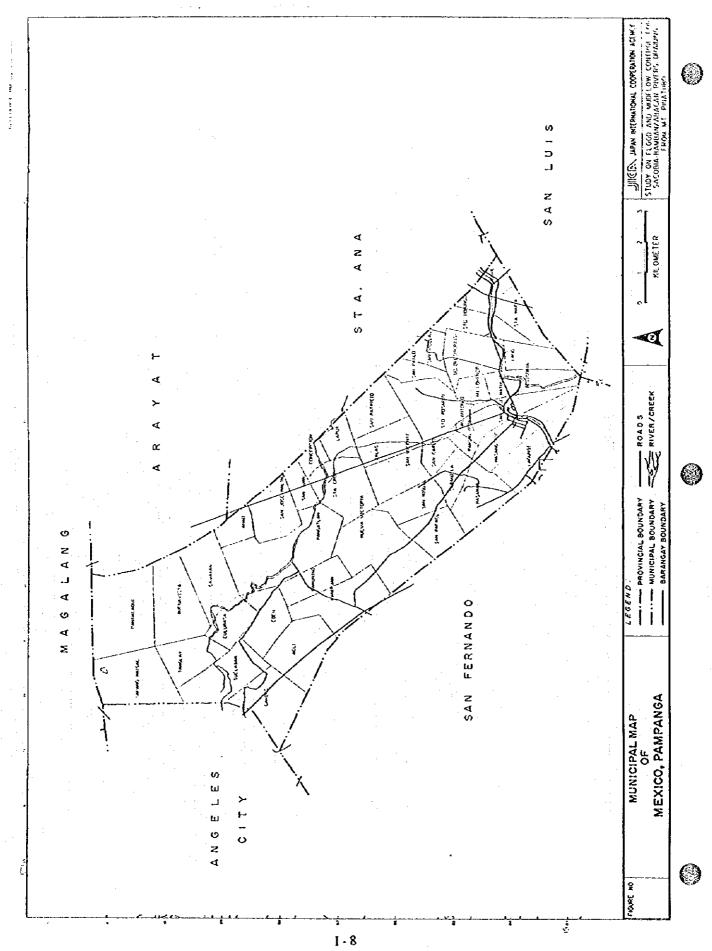


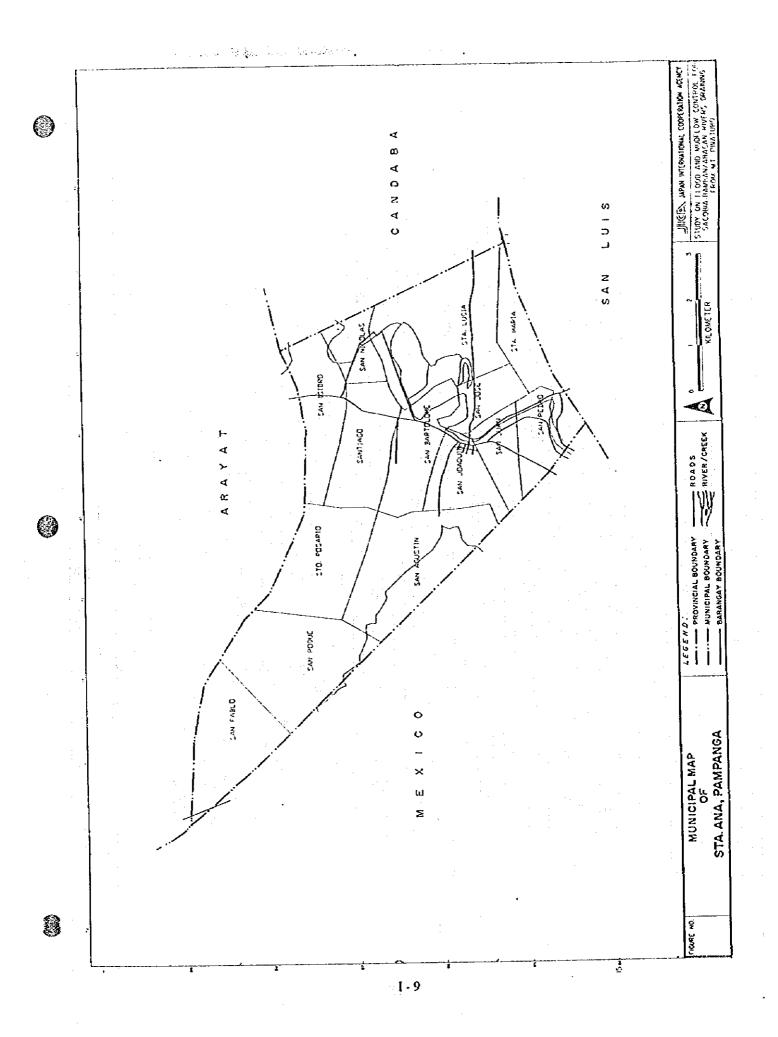


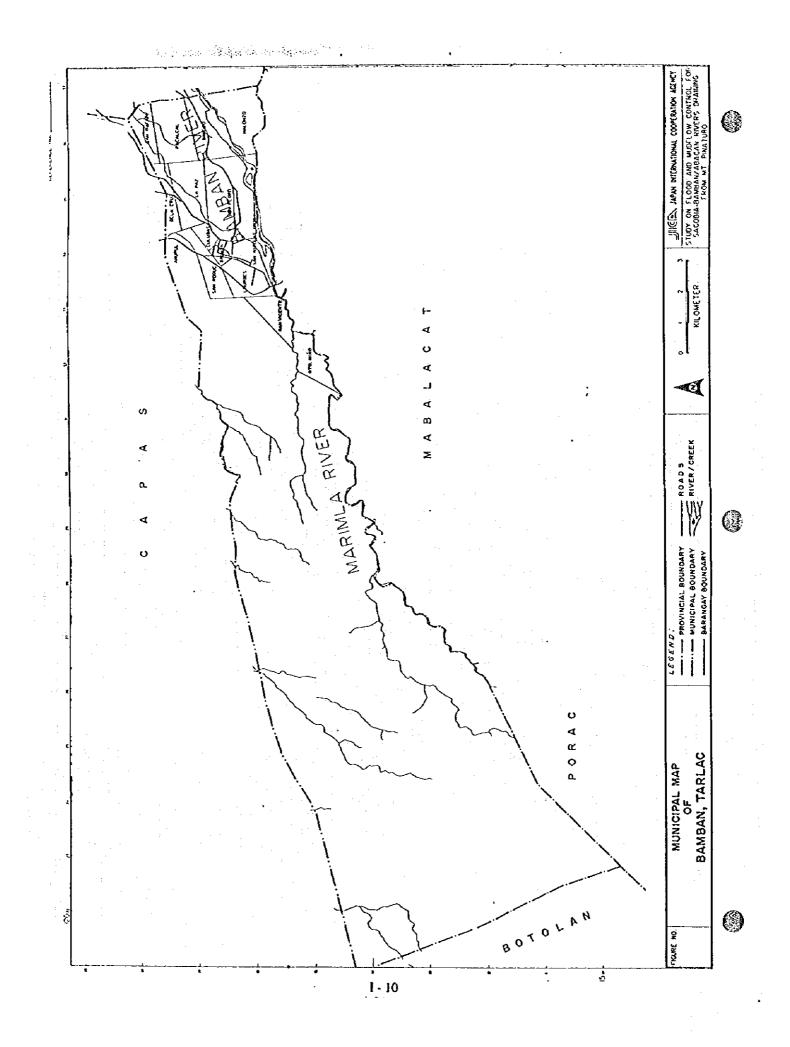
-

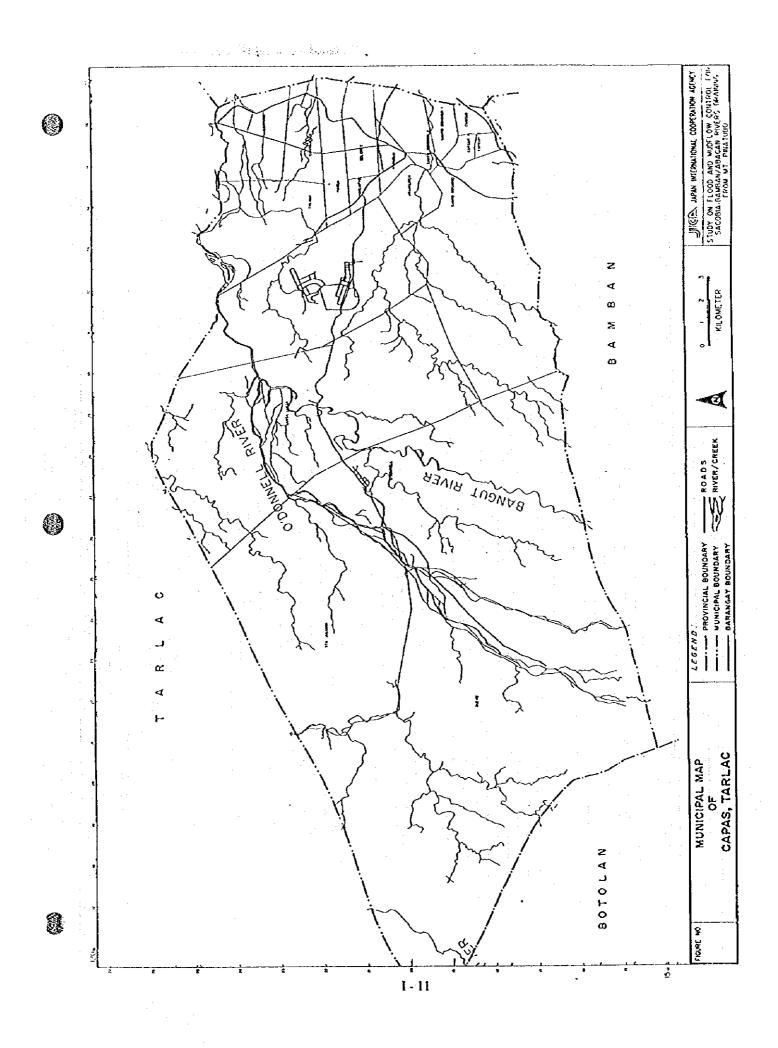












an an an an Arean an Arean . JIFGEN JAPAN MEDINATIONAL COOPENION ACTIVEY STUDY ON FLOOD AND MUDILLOW CONTPOL FOR SACOBIA BANKAN, ARACAN RIVERS DRAMMESS FROM MT FINATURD SAN ANTONIO 0 ZARAGOSA C+57h40 'n KILOME TER 2 ) W l ( LA PAZ ູໂ RUNER' Ø 23 ন্থ z North State Sales S OWNER NOT ŝ ۹ ROADS ž L BANBAN COMMENT OF DC LCSI Ż 14 00 Dasi. Si lag v ۹ MARL DC 0100 i 0 Σ sta err YOUND IN Į ----- PRÓVINCIAL BOUNDARY ------ MUNICIPAL BOUNDARY BOUNDARY **MARK** ŝ -Sam with a start Polyanan ( SATAN-A 2MOTUS a di nu Ĭ LEGEND STD MIND -A706 A12 Ş ş TARLAC CONCEPCION, TARLAC z ŝ MUNICIPAL MAP ١. BAMBA ۹ à. ۹ o 0 ŝ ON JUNDIS \$ 1 - 12

.

0

Ι.

0

List of Barangays Affected/Threatened by Pinatubo Volcanic and Flood Hazards Based on May 5, 1994 Pinatubo Volcanic and Flood Hazards Map (1/7) (Areas in Hectares)

								Estimat	ied Affected	hreatened an	Estimated Affected Threatened and Non-Threatened Areas	ened Areas				
			Estimated			Actual Affected Areas	ted Areas			Areas Th	reatened due	Areas Threatened due to Volcanic Hazards	azards	<u></u> -4	outside	
Province/City		0661	Area of	1661	covered a	additional a	additional	lahar		prone to	prone to	prone to		prone to	vulcanic	
Municipality/Barngay	0661	Number of	barangay	pyroclastic	by 1991	1932	8	dammed		lahar	lahar-	future		regional	harard area	+(@+(z)+(1)
-	Population	Liouschoid	based on	Now	lahar	lahar	lahar -	lake/	Total	deposition	induced	pyroclastic	Total	flooding	& regional	Ŧ
			CIS	deposita	deponits	deposits	deposits	ponded		-	flooding	Now			Rooting	~~~
								water	Ξ	+1		deposits	(3)	6	<del>(</del> 7)	
PANPANGA	1 160.380	200,611	181,471.01	3.0%.10	11,×13.72	1.677.88	1, 190.7%	102.25	17.876.77	30,05.64	40,220.66	36'V66'6Z	100,850.2M	80,811.72	31.550.47	231,089.16
	178 100	24 555	6.423.55	366.72	710.08	0.0	00.0	0.0	1.075.80	38.74	230.87	3,896,48	4,168.07	0.0	1,975.61	7,220.4%
	NCY E	10	2.18.50	00.0	14.9%	0.0	0.0	0.0	14.95	80	8.0	84.32	84,32	0.0	02.621	252 78
ANTINAS	5,939	1.168	949.51	80	43.55	0.0	0.00	0.0	43.55	0.0	0.0	15.949	15.616	0.00	0.0	× 500 0
3 CAPAYA	4.392	769	165.76	0.00	8.6	80	0.0	8.0	28.63	0.0	56.03	0.00	56.03	8.0	100,001	221.64
4 CLARON, RECTO	6,453	1.317	188.99	0.0	28.42	0.0	0.0	0.00	28.42	0.0	0.00	8.0	0.00	800	158.57	185.99
SCUNYAN	920	129	910.22	0.0	202.25	0.0	0.0	0.0	202.25	12.79	8.0	56.635	582.74	0.0	218.97	1,003.94
• curcur	137.71	3.5%	146.25	16.91	0.0	800	0.0	18.93	0.0	0.00	0.0	0.0	0.0	0.0	25.621	148.25
7 MARGOT	545	Q	135.26	0.00	14.22	0:00	0.0	0.0	14.22	0.00	8.0	1 16.22	116.22	00.00	19.61	149.48
RPANDANG	5.727	1.021	102.75	0.00	19:0	0.00	0.0	0.0	0.64	8. 0	0.0	0.0	0.0	00.0	101.01	102.57
9 PANDAN	7.565	1,334	27.42	0.00	57.85	0.0	0.0	8	57.8%	8.0	42.20	0:00	42.20	00.0	37.64	137.69
10 PULONG NARACUL	8.649	1.859	151.92	0.0	8.35	0.00	8.0	0.0	8.35	0.0	7.40	0.0	7.40	8.0	143.49	159.24
11 SALAPUNGAN	61-9'9	1,280	209.50	0.00	15.35	0.00	0.00	8.0	15:35	0.0	0.15	0.0	0.15	0.0	194.11	209.61
ESOL NAS CI	0-6'9	1,20	91.16	0.00	0.0	0.00	8.0	000	0.00	0.00	1.27	0.0	1.27	8	18.08	91.16
13 SAN NICOLAS	3.522	713	97.70	0.0	45.45	0.0	0.00	0.00	45.4%	0.00	8.0	0.0	8	8.	\$2.22	8.18
14 SAPALBUTAD	2,812	184	217.38	0.0	10.01	0.0	000	0.0	100	0.0	8.68	8.0	S. S.	0.0	206.87	225.99
15 SAPANG BATO	115.6	1,793	2, 179, 20	366.72	101.16	0.0	0.0	8.0	470.88	0.0	0.0	2, 178,46	2,173.46	0.00	0.74	2.650.08
10. STA. TERESITA	069'11	2,325	55.66	0.00	0.50	0.0	0.0	8.0	0.0	0.0	8.0	0.0	0.00	0.00	55.07	55.64
17 STA. TRINIDAD	5,887	1,082	116.17	8.0	11.93	8.0	80	0.00	11,93	0.0	800	8.0	000	000	104.24	116.17
IK STO, DONINGO	11,869	2.629	221.75	0.00	8	8.0	0.0	0.00	0.0	25.95	59.71	8	85.64	<u>6</u>	6.%	22.122
19 TABUN	5151	275	105.84	0.00	49.23	8.0	0.0	8.0	49.23	8	55.43	8.0	55.43	00.0	2.4	2
20 V. DELOS REVIEDIOS	155.1	331	44,68	0.0	27.50	8.0	8.0	0.0	27.50	000	80	0.0	00'0	80	17.1%	44.68
APAVAT	647 FAD	10.661	9.113.05	0.0	0.00	0.00	0.00	0.0	0.00	00'0	87.12	0.0	87.12	65.619,49	2,199.54	9,200.17
IBATASAN	1,422			0.0	0.00	0.00	00.0	8.0	0.0	0.00	0.00	0:00	0.0	189.74		15.031
2 CANDATING	3.052	j.	613.42	0.0	0.0	0.0	80	8.0	0.0	0.0		0.00	0.0			C1-'E1->
3 GATIAWIN	3,124	5	659,85	0.0	0.0	0.0	0.0	8.0	000	0.0		0.0	0.00	<u> </u>	•.	\$2.629
4 CUENIASAN	3	917	72.28	0.0	800	80	80	8	0.0	0.0		0.0				XZ 27
5 KALEDIAN (CANBA)	797	675	181.CD	0.0	8.0	0.0	80	8	0.0	0.0	_	8.0			<u> </u>	1×1 03
(ULA PAZ (TURU)	420	S	743.43	0.0	0.00	0.0	0.0	0.0	0.00	0.0		8.0			(6,5.55	4.172
	3,367	<b>S</b> 35			0.0	0,0	8.0	80	0.00	80	80	8		e.	160.2%	3. FIS
R LAQUIOUS	1.713	•			0.00	00.0	0.0	0.0	00.00	0.0		80	:		800	
9 NANGA-CACUTUD	6,475	1.050	78.14	0.00	0.0	0.0 0	80	8.0	0.00	0.0		0.00	0.01	N.W.	6.0	1X.14

I - 13

•

List of Barangays Affected/Threatened by Pinatubo Volcanic and Flood Hazards Based on May 5, 1994 Pinatubo Volcanic and Flood Hazards Map (2/7) (Areas in Hectares)

			Estimated			Actual Affected Areas	cted Areas			Arcas T	hreatened due	Areas Threatened due to Volcanic Hazards	uzards		outside	
Trovince/City		0061	arta of	1661	covered	additional	additional	lahar		prone to	prone.to	prone to	- other	prone to	volcanic	
Municipality/Barangay	8	Number of	harangay	pyroclastic	1661 Á4	1992	5663	dammed		lahac	lohar-	future	<b>Lizzainte</b>	regional	hazard area	+(1)+(2)+(1)
-	Population	Flousehold	based on	Tow	labór	lahar	lahar	take/	Totat	deposition	induced	pyroclastic	Total	Rooding	& regional	(7)
			CIS	deposits	dependen	deposits	deposits	ponded	-		flooding	Nov		6-6 <b>4</b> 10	flooding	
				-				water	Ξ			deposita	6	6	<del>(</del> 2	
10 NAPALAD	2,099	A	1.421.76	0.00	0.00	0.00	0.00	0:00	0.0	0.0	22.10	0.0	22.10	1,421.76	000	1,443.86
II PARALAYA	1,427	197	35.67	0.0	0.00	0.0	8.0	0.00	0.0	0.0	8.0	8.0	0.0	35.67	8.	35.67
12 PLAZANG LUNIA	3.447	650	196.75	0.0	0.00	0.00	0.0	0.0	0.0	0:0	0.0	80	0.0	196.75	80	× ×
13 POBLACION	2.917	E	33.42	0.00	0.00	0.0	0.00	0.0	0.00	0:0	0.0	0.0	0.0	33.42	0.0	33.42
14 SAN AGUSTIN NORTE	2.333	381	14.14	0.00	0.00	0.00	0.0	0.0	80	0.0	0.0	0.0	0.00	74.14	0.00	74.14
15 SAN AGUSTIN SUR	1,067	Ŧ	05-21	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	800	37.50	0.00	37.50
16 SAN JOSE MESULD	3,511	165.	114.62	0.00	00.0	0.00	0.00	0.00	0.00	0.0	8.0	80	0.0	114.62	0:0	611
17 SAN JUAN BANO	4.454	727	836,20	0.00	0.00	0.0	80	800	0.00	0.0	0.00	8.0	00.0	423.45	474.75	876.20
IX SAN NATEO	3.2.5	ş	CS-61-9	0.00	0.00	0.00	0.0	0.0	0.0	0.0	8.23	0.0	2.3	649.52	0.00	700.81
19 SAN NICOLAS	4,702	E	133.67	0.00	0.00	0.00	0.00	0.00	0.00	0.0		0.0	8.0	133.67	0.0	133.67
20 SAN ROQUE (BITAS)	2,555	626	225.86	0,00	0.00	0.00	0.0	0.00	0.00	0,0		0.0	0.0	10.36	\$2.955	205.84
21 STA. LUCIA CUPANG	2.07K	350	11.66	0.00	00.0	0.0	0.00	0.0	80	0.0	0.00	0.00	0.0	71.66	0.00	21.66
22 STA. LUCIA MATANO	1,917	TY:	121.91	0.00	0.00	0.0	0.00	0.00	0.00	0.0		0.00	0.0		0.0	121.91
23 STO. NINO TABUAN	1691	263	1,063.75	0.00	0.00	0.00	0.0	0.00	0.00	0.0	10.70	0.0	10.70	1.063.75	000	1.074.45
NIXYDDAS 50	4	30-	234.36	0.00	0.0	0,00	000	0.0	0.0	0.0	0.0	0.0	0.00	214.36	0.0	24.36
													1	6		
MABALACAT	62,819	11.513	14,021.37	スス	Ċ.	\$29.54	326.84	2	2.575.44	3,869.22	ч 	પ	6,822,66		-	16,612,64
1 UNKNOWN			2,343,15	00.0	12.21	17.16	00'0	0,0	29.37	226.43	48.13	\$00.21	774.77	141.25	1,555.49	2,500.88
2 ATLU BOLA	Ĵ.	3	92.76	0.00	0.00	0.00	00:0		0.00	92.76			22.76			92.76
3 BUNDAGUL	196	181	22.22	0.00	0.00	0.00	0.00	0.00	0.0	252.25	8.0	0.0	227.25	0.0	80	22722
4 CACUTUD	1,563	NFC 2	00'661	0.0	00.0	190.38	2.6		199.60	199.60			199.60		0.0	379.20
5 CALAIMPANG	4	76	3,657.08	15.12	÷		0.00		176.77	0.0	0.00	1,279,68	1. Z79.6K	800	2.77.40	3, K13, K5
6 DOLORES	8,218	1471	545.11	0.00	129.4)	151.79	0.0	39.43	320.81	246.86	• 90.36		337.22	7 <b>2</b> 7		10V 52
7 LAKANDULA	6.22	1.268	1,429,20						0.0	0.0	0.00		72.88		7	1,429.20
8 MABIGA	10.985	2,116	597114	8.0			0.0	80	0.0	0.0			(8'1		92.66	141.65
9 MACAPAGAL VILLAGE	1.215	11	616.10		174.20	8.0	0.0		174.20	2.3		¥3	300.46	<u> </u>	314,46	11.02
10 NEWEATITANG	1,6662	<b>3</b> %	201.04	000	00.00	<b>10</b> '89	96'11	80	80.02	201.0%		0.00	201.04	8.0	000	241.10
11 NANOALIT	65	114	216.48	0.00	0.0	0.00	0.0	8	0.00	2.93	50.90	000	53.83	0.00	162.66	218.49
12 NARCOS VILLAGE	2,001	52	517.30	0.0	143.29	19.01	0.00	0.0	162.36	0.00	0.0	317.74	517.74	0.0	219.24	N 669
13 NAWAKE	5	8	257.30	0.00	0.00	0.00	0:00	0.0	0.00	1.61	4	0.0	120.83	0.00	136.47	2.57.30
14 PARALAYUAN	676	129	24.13	0.00	0.00	0.0	0,0	0.0	0.0	234.13	0.0	00.00	234.13	0.0	80	234.13
15 TOHLACTON	2.552	S'J#	\$6,9	00.0	0.00	0.0	0.0	0.0	0.00	6.9		<b></b>	6.95		000	5.95
IF SAN PRANCISCO	217-01	(nr. 1	05.241		:			<u> </u>	800	4X		- <b>-</b>	76.99			142.39
	1			~ ~	i											

0

0

0

.

I - 14

> List of Barangays Affected/Threatened by Pinatubo Volcanic and Flood Hazards Based on May 5, 1994 Pinatubo Volcanic and Flood Hazards Map (3/7) (Areas in Rectares)

0

491.97 3.131.KV 321.47 \$55.94 **56 T** 12.12 682.64 21.0 1.262.13 34.68 20:00 672 XX 330.30 20405 245.67 11 20 162.30 218.75 397.98 2,96R.W. 1,268,960 17 333 286.22 523.77 11:057 215 (2) 240.25 02,020.1 59.49 11, 507 95 +(1)+(1)+(1) € 14 M 28.86 264.07 2,001.76 211.17 2.2 182.51 100 (M 104.30 0.00 297.24 80 8.7 120.85 8 3, 128,46 80 ŝ 80 8 8 402.71 8 15.2% 80 8 1,230,00 hayard area š 23.67 82.51 & regional **Nooding** volcanic outside E 2.45 (SX S) 8 8 8 8 80 146.07 8 8 8.0 219.73 267.77 80 80 8 8 0.CK 80 8 80 533.25 88 8 533.7n 8 80 2,830.53 8 8.0 Rooding regional prone to 6 12.79 × 11 × 12 20.10 131.65 80.77 153.00 426.20 4*\$*7.13 11523 62.64 577.04 053.43 2,029.64 204.84 S1.99 219.73 267.77 37.61 0, 133.99 136.24 321.49 \$63.37 133.91 4,119,82 277.48 585 41.45 Â 42.67 540.45 6,546,90 Total ଷ Areas Threatened due to Volcanic Hazards 8 8 80 8 80 8 8.0 80 8 8 8 8 0.0 88 8.8 8.8 8 8 8 8 8.0 8 80 0.0 8.0 80 80 8.0 pyroclastic 8 Estimated Affected Threatened and Non-Threatened Areas prone to future denosíts Now 12.79 204.84 51.99 131.65 £0.77 17.80 832.14 29.10 219.77 37.61 54.72 313.00 249.92 8. 8.0 8.8 8.0 80 4,119.82 267.77 8 7.92 0.12 8.0 8 0.0 8.0 0.0 0.0 2,085.19 8 induced prone to flooding lahar-8 8 80 8 80 8.8 80 8 8 133.99 277.48 145.08 546.33 41.45 136.24 426.20 0.16 321.49 207.21 563.37 115.25 682.64 133.91 57.04 1.053.43 197.50 8 8 585 19.CF 1461.71 deposition prone to lahar 137.34 0.0 8.71 0.0 204.80 22.79 120.7 39.21 14.39 65.77 8.0 208.70 27.73 8 0.0 8.0 0.0 8 3.26 2,306.69 817.61 8,19 8 480.30 8 800 8 8 8 30.31 84.3 8 Total Ξ 8 8 8.8.8 8 8.0 8 8.0 80 8.8 8.0 888 8.8 8 8 8 8.0 8 8 8.0 8 8 8 8 8 8.0 popuod 8 dammed lakc/ later water 88.47 8 8.0 8.0 8.8 0.0 0.0 8 8 888 8. 8 8.0 8. 80 8.0 \$5.77 80 8 2.6 8 8 29.24 8 0.0 0.00 0.0 8 303.21 8 additional | additional deposits Actual Affected Areas 5 lahar 80 20.23 0.0 8 8 0.0 0.0 8 8 8 8 8 8 80 8 8.0 8 80 0.0 5.76 80 107.54 80 0.0 8 8.0 800 245.00 50.23 8 deposits lahar 222 14.39 2,306.69 201.80 22.79 130.73 8131 137.34 39.21 0.00 8.0 0.0 888 0.0 8 30.31 8.0 3.8 8 8 8 3.26 269.31 8 0.0 372.74 8 0.0 8 deposite by 1991 covered lahar 88 80 8.0 8.0 8 80 8 888 8.8.8 8 0.0 0.0 88 8.8 0.0 0.0 0.0 80 8 8.0 8.0 88 8.0 pyroclastic deposits 8 Now No 324.39 58.72 222.90 117.80 563.37 0.053.43 21973 267.77 264.89 321.49 555.9H e z 51.0 201.21 02.815 67.47 (8.3) 426.20 682.64 397.96 2,518,73 6,480.87 66,552,59 71 B 171.27 S61.24 162.30 218.75 3,131,83 20,044 († († 0, 893.36 harangay Estimated arca of based on Sio 8.962 12 22 22 165 5 ¥ 415 2 8 Ę 17. 5.517 216 128 Ř 3 22 315 3 142 138 2 Household Number of 8 418 2,303 1,0%3 1,057 6.88 36. 12. 2.5 1,216 1,795 352 1,428 2,547 5.62 3 72.1 3 Â 2 2 3 끎 8 2 6 8 8 9.900 Population 86 . Municipality/Barangay 6 DOLORES (PIRING) Province/City 7 SAN ILDEPONSO IX SAPANG BIABAS 19 SAPANGBALEN **ONOTAN NAS 6** 13 STO. ROSARIO NOIDERDNOO C S SAN AGUSTIN THOOPY NVS 6 4 CULUBASA 10 SAN ROQUE **NAN ISIDRO** 11 STA. LUCIA 12 STA MARIA 21 STA. MARIA 2 CAWAYAN S DIVISORIA 4 NAVALINO 2 BUCANAN 9 LAGUNDI DNALADAR 20 STA. INES 8 GANDUS IOLAPUT 3 LA PAZ 22 TABUN 1 AYALA I BALAS MENICO 200 וובענס 14 TURU

List of Barangays Affected/Threatened by Pinatubo Volcanic and Flood Hazards Based on May 5, 1994 Pinatubo Volcanic and Flood Hazards Map (4/7) (Areas in Hectares)

			- <b>-</b>					81111521	ICG VH CCICO	USUIMAIOU AH DOLOO I II ICOICINOU ANG INON- I INCAICINOU AFRA	Dd NON-1 Drea	ICINC Areas				
-			Estimated			Actual Affected Areas	ited Areas			Areas Ti	hreatened due	Areas Threatened due to Volcanic Hazards	azards		outside	
Province/City		0661	-	1661	covered	additional	additional	lahar		prone to	prone to	prone to		prone to	volcanic	
Municipality/Barangay	0461	Number of	barangay	pyroclastic	py 1991	2661	56	dammed		lahar	lahar-	future		regional	Azard area	(+(1)+(2)+(1)
	Population	Household	based on	Now	lahar	lohar -	tabar	lake/	Total	deposition	induced	pyroclassic	Total	Rooding	& regional	Ŧ
			SS	deposits	deposits	deposits	deposita	ponded			Roding	flow			Rooding	
								walcr	Ê			deponita	ម	ĉ	Ŷ	
17 NYSANGSANG	2,147	242	275.99	0.0	8	0.00	0.00	0.00	0.00	0.0	125.69	0.0	125.69	238.63	37.36	401.68
13 PANGATLAN	1352	208	22.005	8.0	255.26	80	0.0	80	255.26	0.0	399.8%	8.0	199.88	0.0	182.89	828.00
14 PARIAN (POB)	\$01 T	. 665	38,879	8.0	800	8.0	80	0.00	0.00	0.0	66'1	80	8	(6.H)	8.5	40 XX
15 SABANILA	1 08	8	12.45	80	0.0	0.0	8.0	0.0	0.00	0:00	0.0	0.0	0.0	8	121.62	123.45
16 SAN ANTONIO	3.916	619	28.05	8.0	11.63	0.0	8.0	0.0	11.63	0.0	19.11	80	19.11	87	0.0	8
17 SAN CARLOS	3.118	Ā	80.60	0.0	1.85	8.0	0.0	0.0	1.85	0:00	12.00	000	12.00	26.25	252	20.00
ONLIAN JOSE MALINO	1.522	3	239.67	0.0	0.71	0.0	8.0	0.00	0.71	0.0	100.11	80	100.11	0.0	39.56	240.18
19 SAN JOSE NATULD	1,958	220	221.88	0.00	3	0.0	8.0	0.0	6.8	0.0	195.90	80	195.90	221.88		481.82
NYUS NYS OF	2,464	385	100.RS	0.00	32.91	0.0	0.0	0.00	32.91	0.0	St. 47	0.0	58.47	80	4	133.51
21 SAN LORENZO	1,693	275	X2.84	0.0	12.23	0.0	0.00	0.0	87.84 2	0.0	82.84	0.0	82.84	82.84		248.52
ZZ SAN NICOLAS	1 464	242	113.00	0.00	66.39	0.0	0.00	0.00	8	0.0	113.02	8.0	113.02	113.02		293.03
ZI SAN PABLO	552 1	220	14.401	0.0	104.47	8.0	0.0	0.00	10.47	0.0	104.47	0.0	101.07			313.41
24 SAN PATRICIO	×**	₹¥	230.97	0.00	20.97	0.0	8.0	0.0	230.57	0.00	20.97	0.0	230.97			645.54
25 SAN ROQUE	3	<u>8</u>	1.11	0.0	0.0	0.0	0.0	0,00	0.0	0.0	54.8	0.0	154.00	154.14		308.20
26 SAN VICENTE	6277	378	219.75	0.0	4	0.0	0.0	0.00	4	000	68.29	0.0	68.29	0.75	~	27.4.72
ZT STA. CRUZ	\$ <del>7</del> .1	102	321.60	0.0	122.97	0.0	0.0	0.00	122.97	0.0	261.75	0.0	261.75	0.0	SK. 18	440.90
ZK STA. NARIA	1.597	E.	25.071	0.0	0.00	0.0	0.0	0.00	8.0	0.0	147.89	0.0	147 89	13.52	0.0	321.41
29 STO. DOMINGO	1.617	33	185.30	600	0.0	8	0.0	800	0.0	0.0	05,251	0.0	185.30	185.30		370.60
30 STO.ROSARIO	1.870	317	327.91	80	324.81	0.0	80	80	324.81	80	327.93	0.0	327.93	327.95		280.67
31 SUCLABAN	7	8	314.77	0000	181,54	80	0.00	8.0	181.54	0.0	176.65	0.0	176.65	8.0	131.94	4:00.13
32 TANGLAY (TANGLE)	705	116	1522	0.0	39.74	8.0	80	80	39.74	0.00	40.73	0.0	40.72	0.0	10.94	264.43
							<del></del>				~~~~					<b>.</b>
		7,82%	1037.74	8	323.71	8.0	00.0	0.0	323.71	0.0	980.87	0.0	980.87	3.226.80	623.37	X1.54.7%
	1.	5 1	1.00	8	182.00	8	8.0	8.0	185.06	8.0	100.74	800	100.74	425.12	56.35	767.25
	172.1		C1/2	80	8	8.0	8	8	8.	8.0	80.37	6.0	TF 08	271.31	0.00	351.04
A SAM INICKO	4.201	8	300.46	0.0	<del>.</del> 8	0.0	8	8.0	8.0	0.0	0.0	00.00	000	300.65	0.00	300.64
4 54N JOAQUIN (1 011.)	2.767	145	205.17	800	800	80	8.0	8	80	8.0	102.38	0.00	102.24	205.17	0.00	307.55
5 SAN JOSE	164	ň	145.82	8.0	800	0.0	80	8	8.0	0.0	142.46	0000	142.46	145.00	0.0	12,222
NAUL NAS &	1,569	265	149.25	8.0	8.0	0.0	8.0	0.0	0.0	0.0	149.25	0.0	149.25	149.25	0.0	298.50
7 SAN NICOLAS	2.639	4	136.45]	80	8	0.0	0.00	0.0	80	0.0	0.00	0.00	0.07	136.45	000	136.45
8 SAN PLORO	020	99	166.05	8.0	0.0	80	8.0	0.0	0.00	0.00	166.05	0.00	166.05	166.05	0.00	332 10
9 SAN ROQUE	237	SSE SSE	11-6ZS	0.0	1,18,65	80	0.0	0.0 0	138.65	0.00	58.68	0.00	24.62	0.00	391.12	SVX AS
IOSANTA MARUA	3,819	617	21.12	80	8.0	8.0	8.0	80	80	0.00	89.55	0:00	89,55	237.12	0.0	326.67
	14172	418	311.79	0.0	8	8.0	8.0	0.0	80	8.0 0	8.0 0	0.00	0.00	311.79	0,00	311.70

0

0

I - 16

.

List of Barangays Affected/Threatened by Pinatubo Volcanic and Flood Hazards Based on May 5, 1994 Pinatubo Volcanic and Flood Hazards Map (5/7) (Areas in Hectares)

.

4.4

8

			ŀ													
			1					RUDSA	led Allected	Esumated Attocred Intratence and Non-1 intratence Areas	D NOR-1 REAK	cheo Arcas				Ī
			Estimated			Actual Affected Areas	sted Areas			Areas Th	reatened due l	Areas Threatened due to Volcanic Hazards	12Ands		outside	
Province/City		86]	area of	1661	covered	additional	additional	tahar		prone to	prone to	prone.to		prone to	volcanic	
Municipality/Barangay	861	Number of		pyroclastic	1661 yd	1992	6661	dammed		lahar	lahar-	future		regional	hazard area (	+(()+(2)+(1)
	Population	Household	based on	-Uow	lahar	lahar	lahar	lake/	Total	deposition	induced	pyroclastic	Total	Rooding	& regional	<del>(</del>
			CIS	deposits	deposits	deposite	deposits	ponded			flooding	flow			Rooding	
								water	0		-1	deposits	ຄ	ĉ	<del>.</del>	
12 SANTO ROSARIO	500	121	101.55	0.00	0.00	0.00	0.00	0:00	00'0	0.00	0.00	0.00	0.00	228.60	175.92	404.55
13 STA. LUCIA	3,8%8	(FLS	<b>31-61-2</b>	0.00	80	80	0.0	0.0	000	0.00	66.16	0.0	91.39	6.19.46	000	740.85
TARLAC	256,920	SS6'ET	96,976.58	PC PCS	12.787,8	1,045.54	1.216.84	14,42	11,598.65	20,494,14	10,886.98	7.057.55	38,438.67	3,439.2%		111,429,89
RAMBAN	13,452	5,796	14,269.26	1(3,8%)	82.52	16,944	25.07	14.42	1,790.18	1,883.11	317.60	4.757.73	6.958.44	0.0	7.308.21	:6.056.83
1 ANUPUL	5.035	148	13,254,20	468,86	379.9%	166,01	0.00	14.42	1,029.26	870.05	317.60	4.757.75	5,945,38	0.00	12,306,21	14,282 KJ
2 BANABA	5,695	78	16.33	0.00	11.17	5.16	0.0	8.0	16.33	16.33	0.0	0.00	16.33	0.00	80	32.66
3 BANGCU	216	35	135.76	0.0	40.51	22,23	0:00	0.0	126.43	135.76	0.00	0.0	135.76	8.0	00.00	262.19
4 CULUBASA	271	49	11.80	0.0	15.5	8.48	0.00	0.0	11.79	11.80	0.0	0.00	11.80	0.0	0.0	ន ដ
S DELA CRUZ	2,613	456	93.02	8.0	0.0	28.25	0.0	0.0	28.25	20,02	0.0	0.0	93.02	8.0	8	121.27
6LA PAZ	1152	3%	33.56	0.00	22.51	43,62	0.00	0.00	66.13	23.55	8.0	0.0	23.54	8.0	00.00	159.651
7 LOURDES	5,033	Ĩ.	25.88	0.00	19.68	6.20	8.0	0.0	25.88	25,895	8.0	0.0	25.84	0.0	0.0	51.76
0ZNOTVN 8	811	12%	162.04	0.0	110.20	26.77	25.07	0.0	162.04	162.04	0.0	0.0	162.04	0.0	0.0	324.04
9 PACALCAL	1.126	ž	170.32	0.0	27.86	20.64	0.0	8.0	48.54	170.32	0.0	0.0	170.32	8.0	000	213,86
10 SAN NICOLAS (POIL)	(4)5'5	5%	35.74	0.0	35.74	0.0	0.00	0.00	35.74	35.74	0.0	0.0	35.74	80	8.0	71.48
11 SAN PEDRO	2,0%	365	14.12	0.0	164.1	0.00	0.0	0.00	164.14	164.14	0.0	0.0	164.14	8.0		XXXX
12 SAN RAFAFL	3	110	56.57	0.00	16.96	10.75	0.0	0.0	27.73	56.57	8.0	8.0	56.57	0,00	0.00	5.15
13 SAN ROQUE	2.0%%	36	47.90	0.0	0.46	47.44	0.00	0.0	47.90	47.90	0:00	0.0	47.90	0.0	0.00	95.80
		- <u>.</u> .														
CAPAS	61.205	10,501	50,858,86	65.48	2,624.07	227.41	S99.48	8	3.516.44	5,267.96	2,631.25	ři Fi	10,299,05	8	ទ	S1.946.79
1 ARANGUREN	4,385	747	480.03	8.0	0.0	8.0	8	0.0	0.0	8.0	435.36	0.0	435.36	0.0		10.0
2 BUENO	1,0,14	203	14.283.25	65.48	656.79	80	369.68	0.0	56'100'1	0:0	101.20	12037	2,332.56		11.88	15,305.03
3 CUBCUB (POB.)	2.611	469	174.26	0.0	0.0	80	0.0	80	0.00	174.26	0.0	0.0	974.26			174.26
+ CUTCUT IST	5.650	88	136.21	0.0	0.0	8.0	0.0	0.0	0.0	146.21	8.0	0.0	146.21	0.0		146.21
S CUTCUT 2ND	r.	7.	96.82	0.0	0.00	0.0	0.00	0.00	0.00	<b>36.82</b>	0.0	0.00	28,82		000	28.82
6 DOLOKES	2,611	957	8.17	÷.,	0.00	8.0	0.00	80	8.0	92.0	4.37	0.00	4.63			\$41.00
7 ESTRADA (CALINGUAN)	202,1	ก็	1,003.44	;	0.0	0.0	8.0	80	0.0	519.27	0.0	0.00	519.27		514.17	1,033.44
8 LAWY	5,350	928	3,470.82	0.0	105.13	132.88	00.0	80	238.01	307.62	2	80	628.28		m,	4.003.500
9 MANGA	0778	3	57 FF)	0.00	8.0	0.00	0.0	0.0	0.0	22.58	1.16	0.00	24.14	-	0105	(141,24
IONANLAPIC	1.386	235	165.07	0.0	0.0	0.0	0.0	0.0	0.00	0.0	S4.85	00'0	54.85			LU SYI
11 MARUGLU	1,0%1	201	245.36	0.00		000	0.00	0.0	0.0	8.0		8.0	184.32			245.34
12 OLDONNEL	10,723	1.823	8,038,20	0.0		0.00	20.52 SC:52	80	10.005	370.09	ñ.	(1.12)	11'118	0.0		X,247,67
13 STA. JULANA	2.520	454	6.016.01	0.00	130.00	000	0.0	0.0	130.03	356.8%	0.0	8.18	345.01	0.00	5,650,65	67.241,5

List of Barangays Affected/Threatened by Pinatubo Volcanic and Flood Hazards Based on May 5, 1994 Pinatubo Volcanic and Flood Hazards Map (6/7) (Areas in Hectares)

. .

										Ē		:				
			Felimated			Arrivel A franked A second	and A see	DUNCT I								
Province/City		000		1001	- Prosent	I transitional	Additional						SZIUS		OUGAGe	
Municipality/Barangay	0:61	Number of	haraneav	numrlastic	1001 74	10001	1000	demonad			prome to	Di alloud		prone to	volcanic	
	Population	Household	haved on	linw.	lahar	Jahar -	lahar -	tabe/	TAN	and marking	- Induced	cuture .		C BHOMMI	nazaro area	
	•		Sic	demonstra	demonstr	denve in	Aeres I.e.			nonnodan.	Condition of	pyrociastic	10101	Buyocon	& regional	(4)
		<u> </u>	2					water	Ę		Buttocont	wor!	Ę	į	guipooli	
14 STA. LUCIA	6,182	X	7.874.80	0.00	9466.056	G %	205 25	000	1 200 40	01 202 1	177 CD	w v	(*)			2 t t t t t t
15 STA. RILA	1, 142	20	612.46	80	000	80	80	8	80	iv voi		3 6	70,707.1		<u>`</u>	17.00%,6
16 STO. DOMINGO 1ST	¥7	33	249.25	0.00	000	80	800	8 8	8 8	0,000	2.0	3 8	10.021		-07.4 	1776
17 STO. DOMINGO 2ND	4.016	9	LE PUS	8	200	ŝ	200	8	3 8	0000	10.00		40°607			
IS STO. ROSARIO	1.0.1	225	102.01	800	02.00	27.76	8	8 8	3 8	21.040	00.000 00.000		12.75	-	~	11-1465
19 TALAGA	26	E E	1.678.06	0.0	139.35	JX XO	800	8	21 841	1 070 88	00.00	0.0	10.770	0.0		76,671,6
							3	}		00001017	1011	3	10.007.1	10:0 1	ç. Ç	1,847.12
CONCEPTION	941.501	17,092	21,217,83	0.00	75.770,2	302.86	592.29	0.00	5,972,52	9 649 49	(0, 105, 6	0.0	15.956.58	1.618.15	5 261 22	78 808 47
	4,7.10	161	195.201	8	80	0.0	0.0	0.0	0.0	116.39	50.12	000	166.51	0.0		195.5%
2 BALUTU	2 943	S6T .	207.Cu	0.00	える	000	0.0	0.0	22	207.64	0.0	0.0	207.64	000	0.0	402.5%
3 CALE	2.277	3	804.71	0.0	16.955	0:00	0.0	8.0	556.91	21X.66	584.05	0.0	R04.71	80	0.00	1,361.62
4 CALIUS GUECO	\$	148	57.84	00.0	9.7%	8.0	8.0	0.0	9.7%	48.99	8.8	0.0	57,83	8.0	0.00	67.00
S CALULUAN	3,206	SF.	290.0%	0.0	0.0	0.0	0.0	00.00	0.0	1.65	16.17	0.00	17.82	8.9	272.26	220.06
ochstillo	2,155	325	(37.63)	0,00	765.56	800	80	0.0	765.56	375.54	1,382.09	0.0	1,757,63	661.61	0.00	3.184.80
7 CORAZON DE JESUS	1.52	2.56	296.61	0.0	0.00	0.0	0.0	0.0	8.0	84.99	207.94	0.0	292.53	8.0	3.64	296.61
8 CULATINGAN	2.509	360	622.97	0.0	261.45	0.00	00 0	0.0	261.45	99.03	523.94	0.0	622.97	<i></i> й	0,00	1,150.12
& DUNCAN	713	125	765.38	8.0	<b>(-K.4K</b>	39.91	0.0	0.00	108.37	765.38	0.0	8.0	765.34		0.00	87.6%
10 DUTUNG-A-MATAS	1.538	(92 192	299.23	80	80	0.0	80	0.0	8.0	26.68	46.45	000	73.11	0.0	226.11	22.02
11 GREEN VILLAGE	1,611	271	15.02	8.0	0,00	8.0	0.0	80	8.0	37.54	52.87	80	20.41	8,0	0.10	10.01
IZ LILIBANGAN	ž	127	FF (007	0.00	3(6,12	8.0	80	8.0	366.32	400,44	0.00	0.00	400,41	0.0	00 00	345976
Source of the second se		ē.	125.264	0.0	0.00	8.0	8	0.0	80	54.12	0.0	0.00	\$4.12	0.0	742.24	106.36
1+ MAGAO		374	801.54	80	792.46	8.0	8	0.0	792.46	202.45	689.12	8.0	891.57	326.47	0.0 0	2,010:50
VIULIN CI	ŝ¥.	ก๊	214.50	80	12.72	80	0.0	0.0	22	53.93	160.57	0.0	214.50	00:0	0,0	337.22
IGNINANE	3.5.6	-11	56 182	8.0	114.60	0.0	8.0	0.0	14.60	281.95	8.0	0.0	281.95	0.00	0.0	326.55
17 PANALLOSICAN	<u>z</u>	4	52.52	0000	5 5 7 7 7	8.0	0.0	0.0	\$ 23	210.9%	747.01	0.0	U. 156	0.0	0.0)	1.004.20
18 PANDO	Ĵ	022	520.60	80	8	8	000	0.00	80	2.33	8.0	8	233	0.0	SIR.34	520.00
19 PARANG	2,152	30	690.30	8.0	80	0.0	0.0	0.0	80	115.49	80	0.0	115.40	0.0	575.41	620,20
20 PARULUNG	78.	<u>F</u>	236.91	8.0	0.0	0.0	0.0	0.0	80	7.44	183.07	0.0	255.51	0.0	31.40	16.742
21 PTABUNAN	1,152	18	353.20	80	8.0	80	80	8.0	0.00	68.99	4.75	80	73.74	0.0	279.45	359.19
ZZ SAN AGUSTIN (NUURCIA)	3.218	536	13.081	8.0	8.0	0.0	0000	8	0.00	297.52	0.0	80	227.52	0.0	872.01	1, 189,53
23 SAN ANTONIO	1,998	329	454.51	0.0	16.19	0.0	8.0	0.0	64.02	454.51	0.0	0.00	454.51	0.01	0.00	618.57
24 SAN BARTOLONE	1.63	261	501.43	8	9:36	0.0	0.0	80	5.6	501.43	0.0	80	501.43	0.00	0.00	510.77
25 SAN FRANCISCO	4,374	718	305.91	8.0	7.68	49.14	80	80	\$6.82	305.91	0.0	0.00	305.91	000	0.00)	342.73

į

۲

C

0

I - 18

0

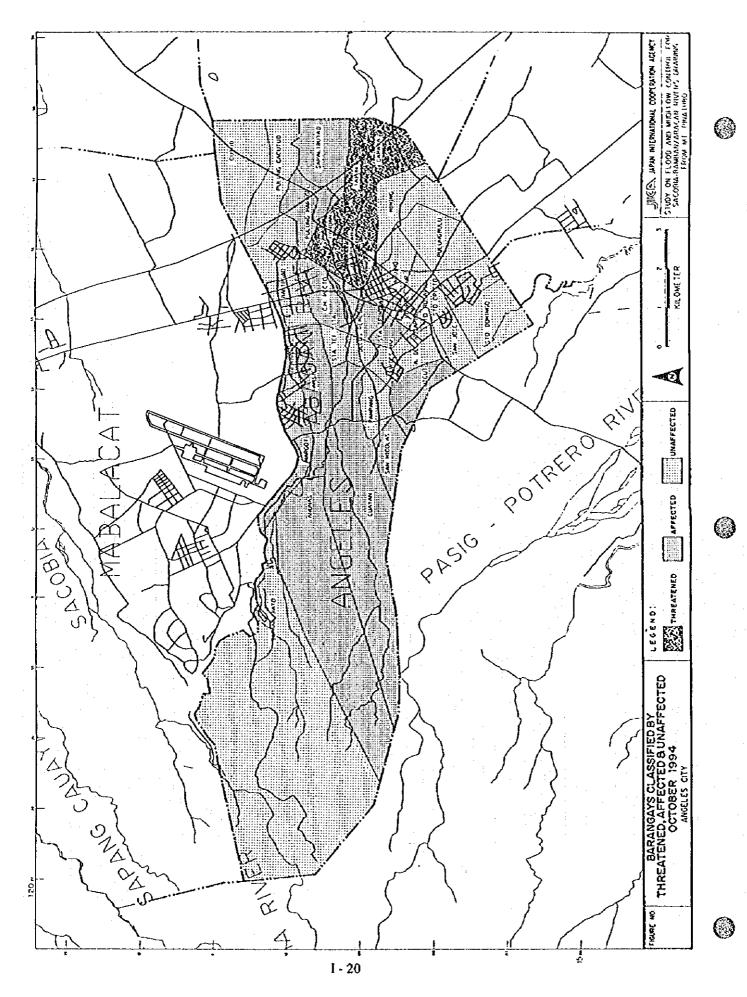
0

8

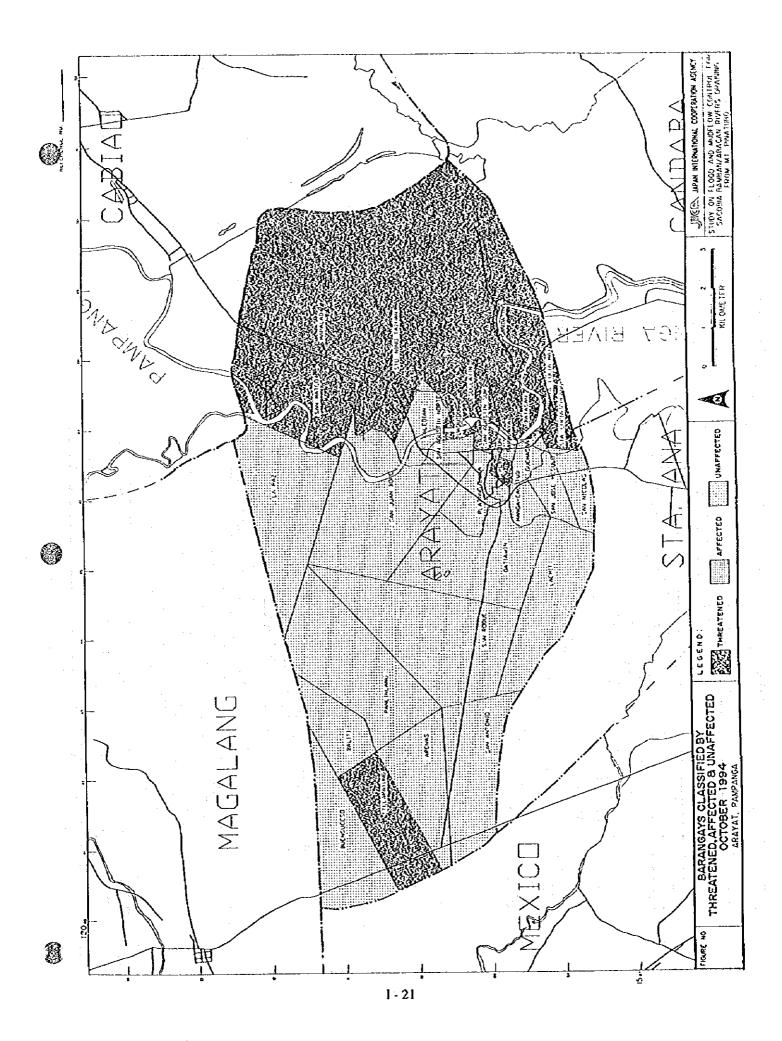
List of Barangays Affected/Threatened by Pinatubo Volcanic and Flood Hazards Based on May 5, 1994 Pinatubo Volcanic and Flood Hazards Map (7/7)

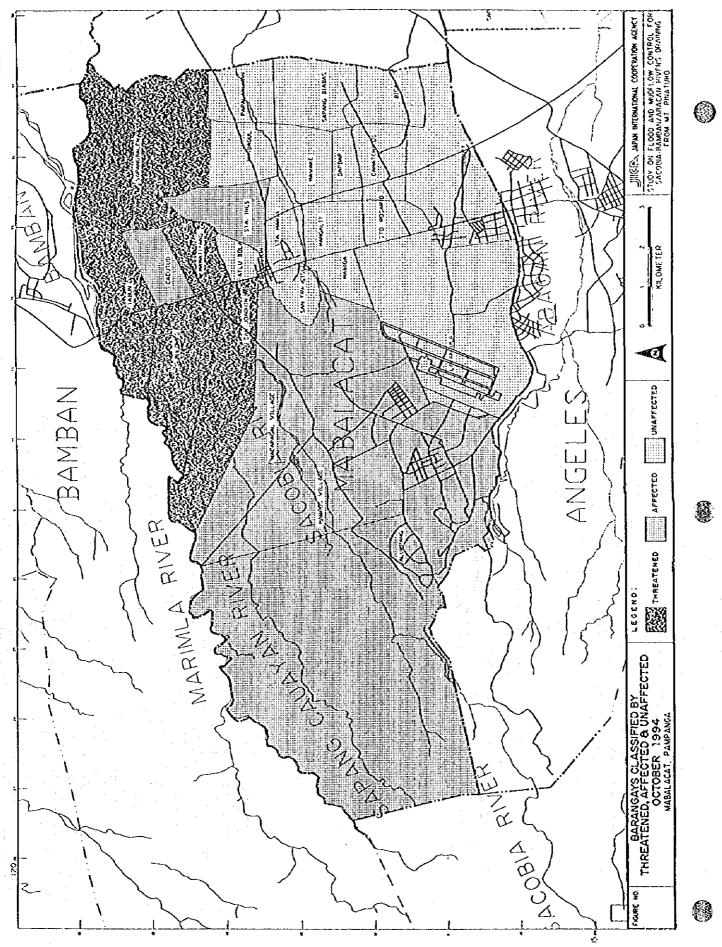
		- <b></b>	Fstimated			Actual Affected Areas	ted Areas			Areas Th	irestened due	Areas Threatened due to Volcanic Hazards	spage	<u> </u>	outside	
Province/City		861	area of	1661	covered	additional	additional	tahar		prone to	prone to	prone to		prone to	volcanic	
Municipality/Barangay	8	Number of	barangay	pyroclastic	1661 Aq	1992	5661	dammed		lahar	lahar-	Luture		regional	hezard area	+0+(2)+(1)
	Population	Household	based on	Now	lahar	lahar	lahar	lake/	Total	deposition	induced	pyroclautic	Total	Gooding	& regional	Ŧ
			CIS	deposits	depusits	deposits	deposits	ponded		<del></del>	Rooding	flow	i der velta		Rooding	
					. * ,	-	•	water	8			deposits	(C)	6)	(4)	
26 SAN ISIDRO (ALNENDRAS)	2,139	347	15.617	0.00	11.70	0.00	0.00	0.0	11.70	173.29	6.18	00'0	73.677	0.00	000	71.167
27 SAN JOSE (POB.)	1.02.0	1.267	67.40	0.0	0.0	0.00	0.0	0.0	0.0	20.14	47.26	0.00	07-19	000	0.00	67.40
24 SAN JUAN (CASTRO)	1 38	323	266.06	0.0	0.0	0.0	0.0	80	8.0	18.16	0.0	000	18.16	0.00	2.07.92	266.09
29 SAN MARTIN	1.220	ž	365.85	8.0	360.48	0.0	80	80	360.48	365.24	0.61	0.00	365.85	0.00	0.00	726.33
30 SAN NICOLAS (POB.)	16%'E	400	99.14	0.0	0.0	0.00	0.0	8.0	8.0	12.61	17,74	0.00	97.01	0.00	2.13	<b>39</b> .14
31 SAN NICOLAS BALAS	.01	328	607.76	0.0	122.48	0.0	140.83	8.0	260.31	607.76	0.00	0.00	607.76	0.0	000	W1.02
32 SAN VICENTE	1.0-5	3	326.27	0.0	280.92	0.00	0.0	8.0	280.92	326.27	0.0	0.00	326.27	0.00	0.0)	601.19
CONTIAGO	3.11.5	12	292.61	0.0	0.0	0.00	0,0	0.0	0.0	136.84	125.97	0.00	262.81	0.00	08.02	292.61
34 STA. CRUZ	40C.F.	5	386.24	0.0	00.0	0.0	0.0	0.0	0.0	0.0	386.24	0.00	336.24	0.0	0.00	386.24
35 STA. NARIA	670	<u></u>	18.03	8.0	0.0	0.00	0.0	8.0	0.0	48.69	0.0	0,0	48.69	0.00	5.12	53.81
36 STA. NONICA	12,4	<b>8</b> 5	713.26	8.0	0.0	0.0	0.0	0.0	0.0	218.80	481.93	0.0	700.76	364.37	12.50	1,007.63
37.STA. RITA	4,8%5	874	304.51	0.0	276.75	0.00	0.0	8.0	276.75	303.87	4,67	0.0	30% 54	0.00	0.00	585.29
3K STA. ROSA	3,012	8	374.2	0.00	0.0	0.00	0.00	0.0	0.00	86.14	0.00	0.00	86.14	0.00	248.39	334.SI
3º STO. CRISTO	ç	Ŧ	53.47	0:0	0.0	0.00	0.00	0.00	0.00	0.20	53.87	0.0	53.87	0.00	0.0)	S3.87
4) STO. NINO	1,764	295	420.56	0.00	0,0	0.00	0.00	0.00	0.00	36.90	0.0	0.0	36.90	0.00	383.66	420.56
41 STO, ROSARIO (MAGUNTING)	1.269	561	27.76	0.00	0.0	0.00	0.00	800	0.00	0.0	97.36	0.0	97.36	0.00	0.00	9L.74
42 TALIMUNDUC MARINILA	1.112	170	405.95	0.00	325.00	0.00	0.0	0.00	325.03	389.42	16.53	8.0	405.95	0.00	000	¥:00:
THIMUNDUC SAN MIGUEL	1,213	ž	£	0.00	0.0	000	0:00	0.0	80	74.44	16 601	8.0	484.35	0.0	50.7X	11 FFS
41 TELABANCA	2,249	350	932.29	0.0	219.52	213.81	451.46	80	64.79	932.29	8.	0.0	\$32.29	0.0	80	1,817,08
45TINANG	2,989	497	928.61	0.0	0.0	0.00	0.00	80	80	226.78	8.0	0.0	226.78	0.0	201.83	928.61

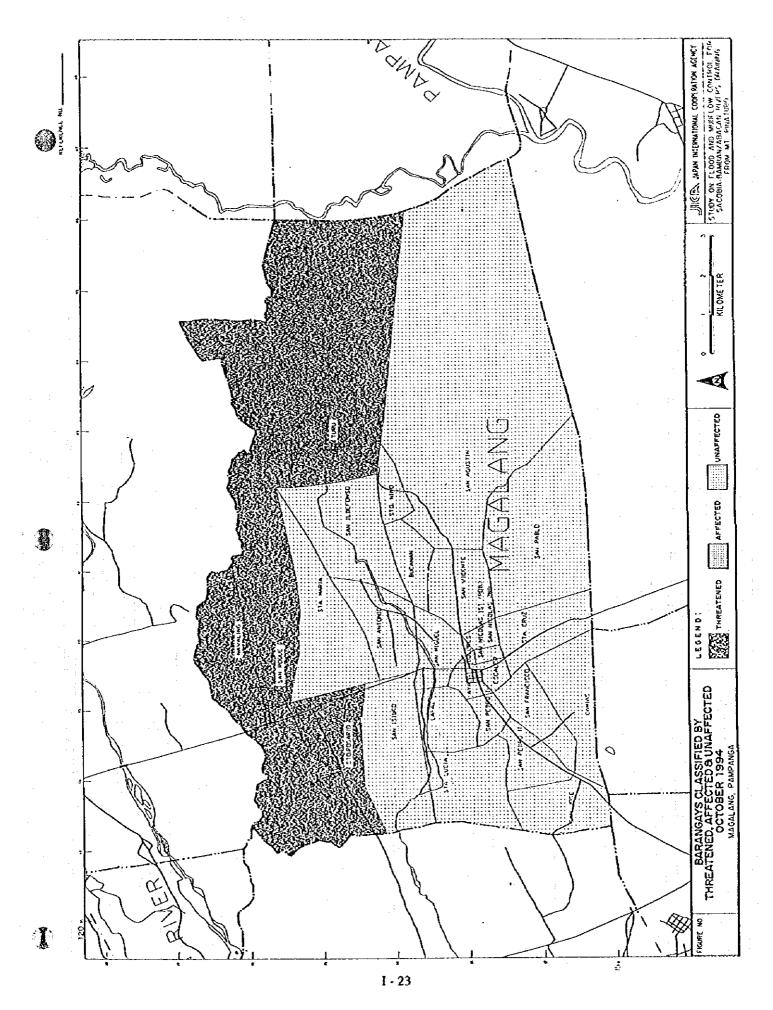
I - 19



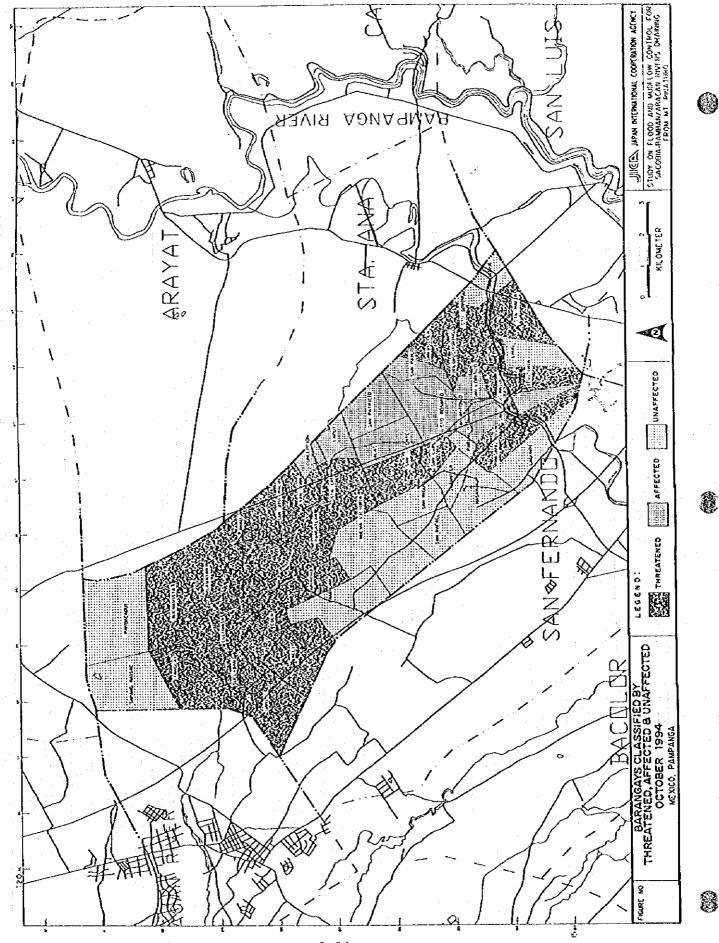




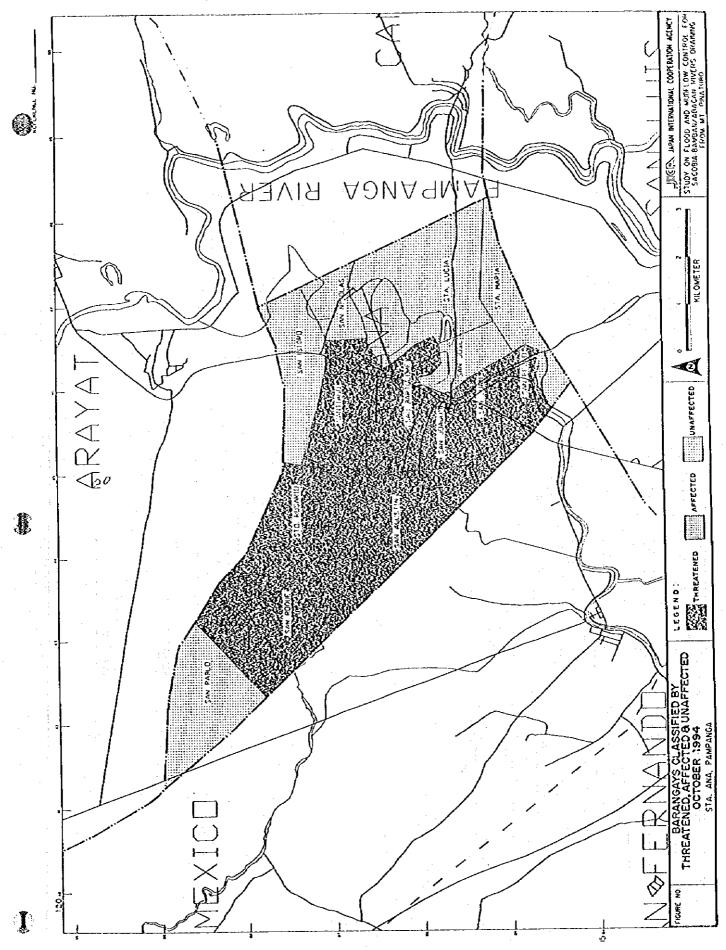




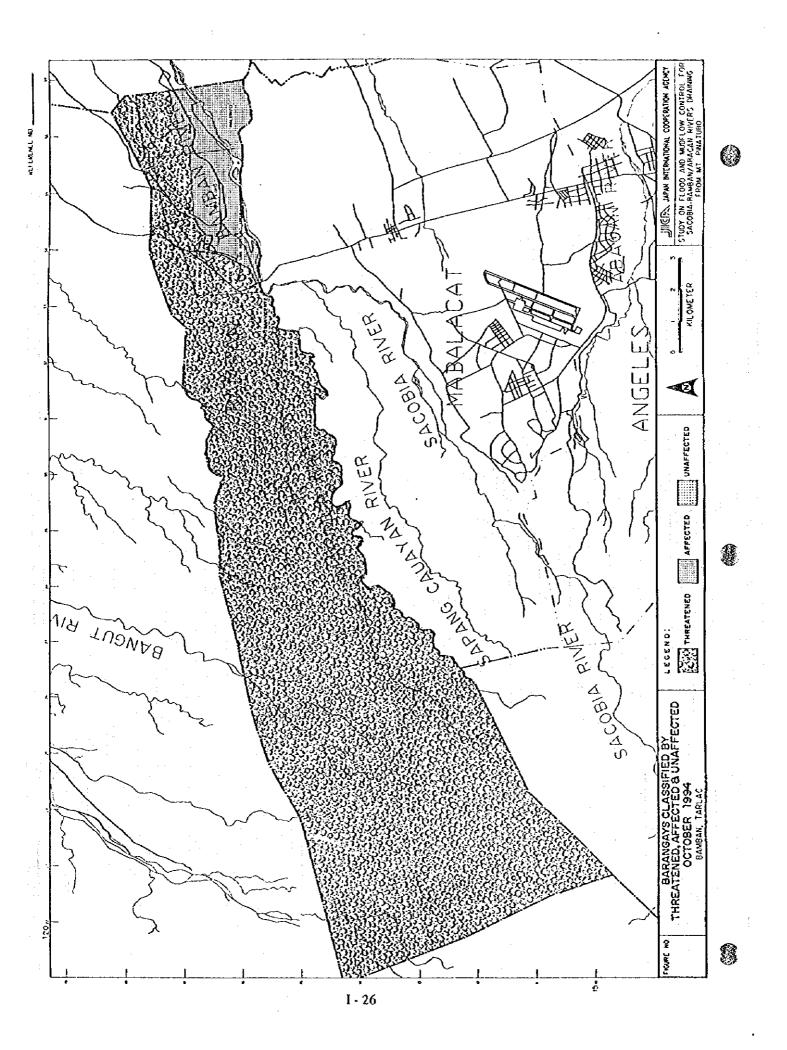
.

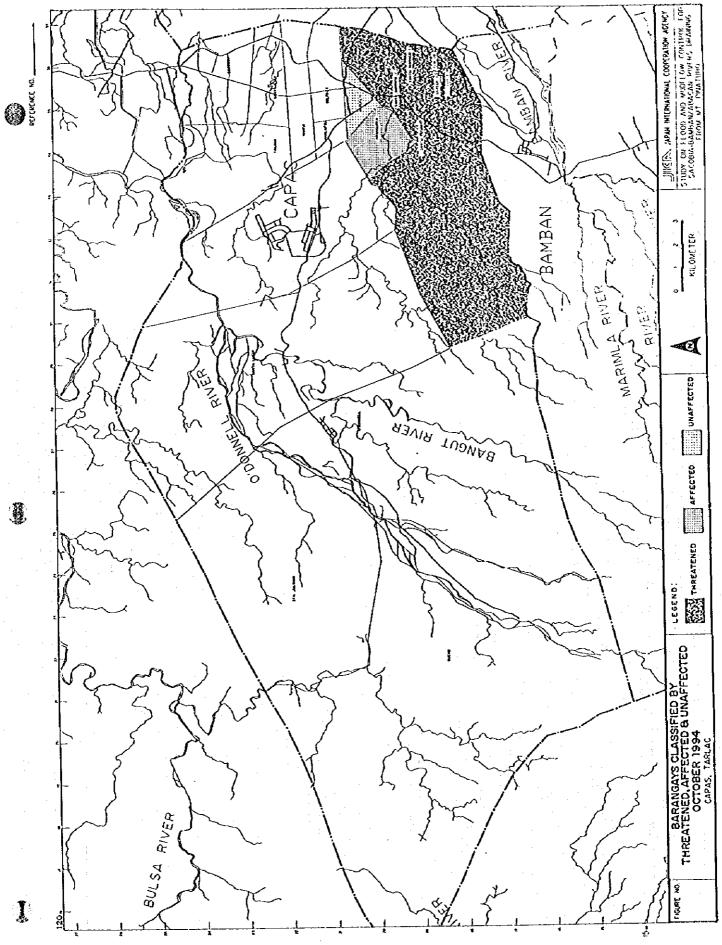




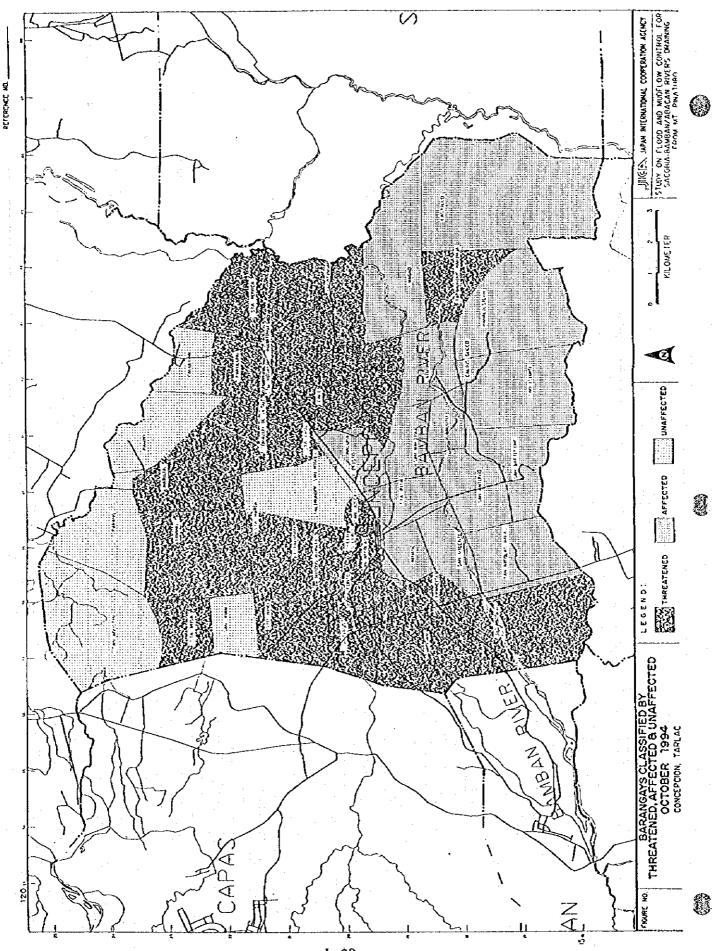


I - 25





1 - 27

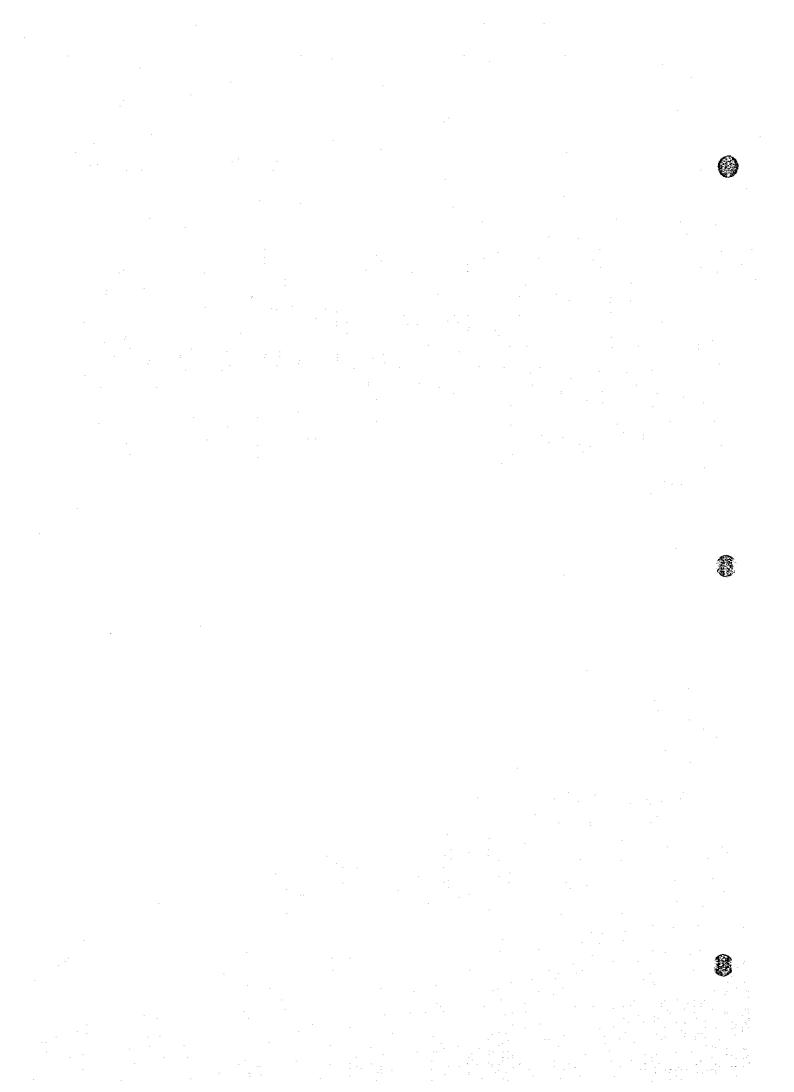


I - 28

## PART II POPULATION DATA

9

Ţ



(0/1)		
1004	-	
1001	2	,
0001	1700,	
i i i i i i i i i i i i i i i i i i i	olze	
	e Mousenoia	
٠	and Average	
,	and	
	per of Households	
	r of	
	Numbe	
	Rate.	
• •	Growth	
	Annual	
	Total Dopulation	

0

I

I

					Annual Growth	owth		•	Growth	H Hold
-					Rate		STOR H	Households	Rate	Size
Province/Municipality/		1980	roputation 1990	1994	80-90	90-94	1990	1994	90-94	1994
041411249										
			707 707	678 910	2.70%	-1.74%	137,321	132,898	-0.82%	5,11
PAMPANGA and TARLAC		300°000	121 121				100.01	22.752	7077 V	к) U
Threatened because		172.097	213,719	179,590	2.17%	\$00.4	170,01			50
		06.836	129 438	123,880	2.90%	-1.10%	24,423	23,820	-0.62%	2.0
Affected barangays				246 440	2 04%	-0.61%	72 573	75.320	0.93%	õ, 4
Unaffected barangays		285,139	100,400	0+t 0 10	2					
								710 000	7882 0	č
ONNOON DOWINCE		436.500	571.680	540,370	2.70%		107,865	100 201		
	•	00.010	113,694	100.910	1.70%	-2.98%	21,452	18,327	-3,94%	0.0
inreatened barangays			03 763	77 080	3.12%	-1.79%	15,805	15,160	-1.04%	ц <u>-</u> И
Affected Barangays Unaffected Barangays		279,247	374,223	361,480	2.93%	-0.87%	70,609	72,760	0.75%	4
Angeles City	- 1	188,834	236,685	209,950	2.26%	3.00%	44,658	44,161	-0.28%	4.75
			•	18 550	-1.15%	.2.03%	3,796	3,661	-0.91%	5.07
Threatened	e Le Le	000'77		200.0	5 74%	-1.75%	829	815	-0.42%	5.0
Capaya		2,4/5			2010	7026 -	704 2	1 590	2.70%	5.0
Pandan		13,301		ZRR J	8, to.p	2.10.1				ļ
		6 104		5.122	0.86%	-6.52%	1,255	998	%Z/.C-	
Tabun		588	1,515	1,341	7.89%	-3.05%	286	258	-2.56%	5.2
			ET 795	52 720	3.49%	-1.80%	10,892	10,640	-0.58%	5.05
Affoctod				001 S	5 510%	%66 U	1.121	1,100	-0.46%	
Anunas		3,424	5 5 5 5 7 5 7 5 7 7 7 7 7 7 7 7 7 7 7 7		20 C C F	0.00%	1 218	1,220	0.05%	
Claro M. Recto		7,704	0,4,0	0000 .		A 01%	174	200	3 54%	
Cuavan		315	920	020.1	0.77.0					
		12.710	17.453	16,540	3.17%	-1.34%	3,293	3,200	%.C7'7-	
		1 653	2,452	2.220	3.94%	-2.48%	463	460	-0.14%	
Intargot				8 120	7.46%	-1.58%	1.632	1,660	0.43%	
Pulung maragu			0,010	1 420	-2 15%	-22.78%	666	380	-14.04%	3.7
San Nicolas		い い い い			0 50%	-1 88%	1.111	1,100	-0.24%	0.4
Santa Trinidad		200'0			0, 00 V	7702	52.5	540	0.44%	5.3
Sapalibutad		2,131	2,812	7, 900	Z. 1 1.20		100	100	1 26%	0
			2 628	N 520		0,00,0-		24.2		

The 1994 population and households of affected and unaffected barangays were estimated based on 5% sampling survey of households. The 1980 and 1990 population were based on the National Statistics Office (NSO) census on population and housing. NOTE:

Threatened barangays refer to barangays listed as "affected barangays" in tender document. Affected barangays refer to barangays listed by PHILVOLCS as affected by 1991-1993 pyroclastic flow, lahar deposits, and lahar dammed lake/ponded water. These were originally listed as "unaffected barangays" in tender documents. Unaffected barangays refer to barangays refer to barangays refer to barangays listed by PHILVOLCS as

.

pailty/         P op u i at 1 on (1940)         Rate (1940)         Households (1940)         Households (1940)         Households (1940)           Construct         124,255         158,00         1954         1990         1994         1994           Construct         124,255         158,00         2,45%         -3.57%         29,770         29,770         29,770         29,770         759         756         760           Construct         11,554         11,554         11,554         11,554         11,554         127,500         2,470         23,755         7560         756         7560         756         7560         7560         7560         12260         12,600         1,255%         -2,82%         1,2100         1,2200         1,200         2,400         1,220         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         1,200         2,400         2,400         2,400         2			-		Annual Growth	owth			Annual Growth	Average H'Hold	
gay         1900	Province/Municipality/	<b>£</b> ,	0	c	Rate		House	sholds	Rate	Size	
cred         124,255         159,839         137,680         2.457         3.594         2.970         23,560         755         756         757         756         756         757         756         757         756         757         756         757         756         757         756         757         756         757 <th 756<="" t<="" th=""><th>Barangay</th><th>1980</th><th></th><th>1994</th><th>80-90</th><th>90-94</th><th>0881</th><th>48.61</th><th>+6-02</th><th>+001</th></th>	<th>Barangay</th> <th>1980</th> <th></th> <th>1994</th> <th>80-90</th> <th>90-94</th> <th>0881</th> <th>48.61</th> <th>+6-02</th> <th>+001</th>	Barangay	1980		1994	80-90	90-94	0881	48.61	+6-02	+001
Constrain         Texas         Texas <thtexas< th="">         Texas         Texas</thtexas<>			000	127 680	7 45%	-3.57%	29.970	29,860	-0.09%	4	
applied         applied <t< td=""><td>Unaffected</td><td>124,230</td><td>100,003</td><td></td><td>1020</td><td>7 80%</td><td>735</td><td>760</td><td>0.84%</td><td>3.74</td></t<>	Unaffected	124,230	100,003		1020	7 80%	735	760	0.84%	3.74	
alibago alibago alibago alibago vurders Sur 1,534 11,544 11,546 11,554 11,980 0,155% 2,175 2,520 0,200 aurdes Sur 7,559 6,519 5,600 1,55% 2,175 2,52% 2,175 2,520 1,200 1,55% 2,175 2,520 1,200 1,55% 2,175 2,520 1,200 1,55% 2,175 2,520 1,200 1,55% 2,175 2,520 1,200 1,15% 2,40 2,55% 2,175 2,500 1,100 1,5% 2,40 2,56% 2,175 2,500 1,100 1,5% 2,40 2,56% 2,175 2,500 1,100 1,5% 2,40 2,56% 2,175 2,500 1,100 1,100 1,100 2,56% 2,175 2,500 1,100 1	Agapito del Rosario	4,687	3,894	040'7	2000 C	0/ 00' I-	5 804 5	S BOO	%00 U-	V.	
wturd         1,250         1,200         1,301         1,554         1,301         1,554         1,301         1,554         1,200 <th< td=""><td>Balibaco</td><td>24,328</td><td>29,791</td><td>27,880</td><td>Z.03%</td><td>%00°.I-</td><td>0,021</td><td></td><td></td><td>r 4</td></th<>	Balibaco	24,328	29,791	27,880	Z.03%	%00°.I-	0,021			r 4	
Outder Northwest         11,361         11,361         11,361         11,361         11,361         11,361         11,361         11,361         11,326         2520         2520         1230         2303         2100		838	1.290	1,300	4.31%	0.19%	243	240	-0.35%	0.42	
Ourdees         7,539         6,519         5,900         -1,52%         2,22%         1,220         1,220           eurdees Sur latabanias         7,494         6,549         6,560         1,35%         5,860         1,35%         5,860         1,230         1,220           eurdees Sur latabanias         7,79         1,122         780         5,773         1,021         205%         2,120         205%         2,140         2,120         205%         2,140         2,120         205%         2,140         2,120         206%         2,140         2,120         2,		11 361	11 534	11,980	0.15%	0.95%	2,176	2,620	4.64%	4	
Ourders Sur         7,494         6,549         5,660         -1,35%         -3.65%         1,206         1,200           animang         3,773         1,005         1,2140         4,75%         -5,93%         3,722         2,520           animang         3,773         1,205         9,300         3,22%         -3,00%         1,081         1,081         1,080           unung Caecutud         1,070         1,681         1,440         4,52%         -3,00%         1,081         1,082         2,500           unung Caecutud         6,349         6,340         6,340         6,340         5,470         3,22%         -3,56%         1,081         1,080           unung Caecutud         6,373         4,320         0,81%         -1,55%         -1,547         1,302         2,000           antto Cristica         1,733         3,477         3,208         -5,47%         2,775         2,200           antto Cristica         2,793         3,857         -1,480         -1,560         2,200         2,718         7,75         2,200           antto Cristica         2,593         1,650         -1,600         0,44%         6,59%         2,80%         2,80%         2,80%         2,80%         2		7 580	6.519	5,800	-1.52%	-2.92%	1,230	1,240	0.20%	4	
Anders         Servet         Servet<		YOV 4	6 549	5,660	-1.35%	-3.65%	1,236	1,200	-0.73%	4	
All algobilities         775         1,122         776         3.65%         9.09%         212         200           ampang         5,777         4,820         6,99%         3.80%         1,081         1,081         1,081         1,081         2,000           ulung Cacutud         1,0735         1,681         1,440         4.52%         3.80%         1,921         2,000           ulung Cacutud         6,388         6,340         6,420         0,81%         -5.56%         2,005         2,000           anta Teresita         1,0735         11,550         3,360         6,175         3,200         2,100         2,000           anta Teresita         2,735         3,140         3.23%         5,14%         720         2,000           anta Teresita         2,735         3,140         3.23%         5,14%         720         2,000           anta Derisita         2,330         4,105         4,000         0,44%         5.206         2,000           anta Derisita         2,330         4,105         4,000         0,44%         5.20%         2,000           anta Derisita         2,350         1,380         1,380         1,307         2,245         2,200	Lourdes Sur East		16.050	12 140	4 76%	-6.98%	3,028	2,620	-3.62%	4.63	
Initiag         5,77         4,920         6,99%         3,80%         1,081         1,080           armPang         7,463         10,255         9,300         3,22%         -2,54%         1,942         2,000           armPang         7,463         1,070         1,611         1,440         6,39%         -3,80%         1,942         2,000           armbarg         5 anta Tensita         1,075         1,1560         9,360         0,81%         -1,952         2,000           anta Tensita         10,755         11,560         9,360         0,80%         -5,56%         2,206         2,200           anta Tensita         2,793         3,857         3,140         3,22%         -1,302         2,206         2,200           anto Cristo         12,595         14,660         1,560         0,44%         -6,57%         2,206         2,200           anto Cristo         1,250         1,260         0,44%         0,65%         2,70         2,200           anto Cristo         1,260         1,66%         4,060         0,55%         2,18         1,78         2,206           anto Cristo         1,250         2,159         1,260         1,560         1,560         1,560	Malabanias	0.01 0.02		780	3.65%	~60.6-	212	200	-1.42%		
ampang         7,000         3,121         3,320         3,22%         2,54%         1,942         2,000           vlungobut         1,070         1,681         1,440         4,52%         3,87%         3,17         320           anta Teresita         1,070         1,681         1,440         4,52%         3,87%         3,17         320           anta Teresita         1,070         1,690         5,398         6,390         6,390         5,14%         728         720         320           anta Teresita         2,795         1,550         1,560         1,565         5,19%         2,000         2,000         300           anto Cristo         1,2,595         14,865         1,560         1,560         1,560         1,760         2,206         2,206           anto Rosario (Pob.)         7,430         9,477         8,478         3,650         2,19%         2,176         2,245         2,200           anto Rosario (Pob.)         7,430         9,700         2,44%         3,65%         2,45%         2,660         3,97         3,00           anto Rosario (Pob.)         7,430         1,560         1,560         2,16%         2,175         2,245%         1,775         3,00	Mining				5 99%	-3 80%	1.081	1.080	-0.01%		
UnungCound         1,463         10,255         1,400         1,52%         3,17         3,20           Unung Cound         1,070         1,650         9,360         0,31%         -1,95%         1,309         1,300         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,200         3,17         3,000         3,17         3,000         3,17         3,000         3,17         3,000         3,17         3,000         3,17         3,000         3,17         3,000         3,17         3,000         3,13         3,17         3,000	Pampang	2,048	171'0		7000 0	25406	1 942	000 6	0.73%		
ulung Cacutud (1,070 1,081 1,440 5,22% -1,95% 1,309 1,300 2,200 ant Jeff 1,440 5,25% 2,206 2,200 ant Jeff 1,660 1,66% 5,56% 2,206 2,200 ant Oristo ant Cristo 10,793 3,857 3,140 3,233% 5,14% 728 720 2,200 ant Opmingo ant Cristo 1,2595 11,660 1,66% 5,56% 2,206 2,200 ant Opmingo ant Cristo 1,780 3,330 9,475 8,200 0,80% 5,56% 2,206 2,200 ant Opmingo ant Cristo 1,780 1,781 2,245 2,206 2,200 1,944 % 5,511% 2,245 2,200 1,944 % 5,511% 2,245 2,200 1,944 % 5,511% 2,245 2,200 1,944 % 5,511% 2,245 2,200 1,944 % 5,511% 2,245 2,200 1,944 % 5,511% 2,245 2,200 1,944 % 5,511% 2,245 2,200 1,944 % 5,51 1,250 2,16% 2,55% 1,422 1,511 1,250 2,16% 2,519% 2,333 2,200 1,944 % 5,519 1,780 2,245 2,200 1,944 % 5,519 1,780 2,245 2,200 1,944 % 5,519 1,780 2,245 2,200 1,944 % 5,510 1,221 1,222 1,422 1,511 1,220 2,50% 0,05% 4,655 4,456 2,244 2,110% 2,148 1,780 2,245 2,200 2,105 1,713 1,781 3,009 13,878 2,148 1,780 2,55% 1,422 1,511 2,244 2,244 7,211 1,510 2,50% 0,05% 4,655 4,456 2,244 2,110% 2,148 1,780 2,55% 1,427 2,110% 2,148 1,780 2,50% 0,05% 4,555 4,02 2,000 2,43% 2,550 4,02 2,000 2,43% 2,550 4,02 2,000 2,43% 2,550 4,02 2,000 2,42% 2,50% 0,07% 2,333 3,19 2,000 2,55% 1,20% 3,19 3,11 2,21 1,222 1,422 1,51 1,52% 3,15% 2,560 4,02 2,00 2,001 2,52% 3,13 3,19 2,000 2,55% 1,25% 3,13 3,19 2,000 2,55% 1,25% 3,13 3,19 2,000 2,55% 1,25% 3,13 3,19 2,000 2,55% 1,25% 3,13 3,19 2,000 2,55% 2,48% 2,165 2,550 2,007% 2,26% 3,19 3,10 2,55% 2,165 2,27% 2,335 3,33 2,238 3,33 2,238 3,33 2,238 3,33 2,238 3,33 2,238 3,33 2,248 1,05% 2,550 4,02 2,000 2,48% 2,550 4,02 2,000 2,448% 2,000 1,02% 2,25% 2,335 3,33 2,238 3,33 2,238 3,33 2,248 1,05% 2,25% 2,333 2,238 3,33 2,238 3,33 2,248 1,05% 2,25% 2,338 2,332 3,31 2,338 2,338 3,33 2,248 2,26% 2,337 2,338 2,333 2,248 2,337 2,328 2,333 2,248 2,337 2,328 2,333 2,248 2,337 2,328 2,333 2,248 2,333 2,248 2,332 2,448 2,000 1,02% 2,25% 2,338 2,333 2,248 2,333 2,248 2,333 2,248 2,333 2,248 2,333 2,248 2,333 2,248 2,333 2,248 2,333 2,248 2,333 2,248 2,333 2,248 2,332 2,348 2,348 2,348 2,348 2,348 2,348 2,348 2,348 2,348 2,348 2,	Putungbulu	1,463	067°01	000°n	0.47.0 2.200	2010 0	1	320	%CC D		
and Jose         6.338         6.940         9.420         0.01%         -1.35%         1.25%         2.005         2.200 <th2.200< th="">         2.200</th2.200<>	Pulung Cacutud	1,070	1,581	1,440		2020	000 7	2006 +	-0 1 8%		
anta Terestia     10,795     11,690     9,360     0,300%     -5-56%     1,200     2,200       anto Conston     2,733     3,857     3,140     3,23%     -5,14%     728     728     2,660       anto Cristo     10,795     11,600     0,44%     -0.65%     775     820       anto Conston     2,733     3,857     3,140     3,23%     -5,14%     728     728       anto Conston     2,730     9,477     8,200     2,16%     -5,19%     2,803     2,00       appangbato     1,925     1,551     1,260     -2,16%     -5,19%     2,803     2,00       appangbato     19,270     2,169     9,700     2,43%     -3,52%     1,788     1,780       appangbato     11,22     1,551     1,260     2,16%     -1,42%     13,809     13,878       arssan     11,22     2,466     2,472     2,50%     0.05%     4,65%     2,56       andsting     1,172     1,422     1,42%     13,809     13,878     2,246       arssan     1,122     2,466     2,16%     2,15%     2,24%     2,200       andsting     1,122     1,422     1,51     2,1%     2,24%       andsting     1,123	San Jose	6,398	6,940	6,420	0.61%						
anto Cristo         2,793         3,857         3,140         3.23%         -5,14%         728         720           anto Cristo         12,595         14,869         11,560         1,66%         -5.39%         2,805         2,660           anto Domingo         3,930         9,477         8,200         0,477         8,200         2,865         2,866           anto Domingo         3,930         9,477         8,200         2,43%         -5.19%         293         300           apangbato         1,925         1,551         1,260         2,43%         -5.19%         293         300           inoy Aquino (Marisol)         7,480         2,55%         1,480         2,55%         1,42%         13,809         13,876           finoy Aquino (Marisol)         56,692         73,189         77,480         2,55%         1,42%         13,809         13,876           finoy Aquino (Marisol)         56,692         73,189         77,480         2,55%         1,42%         13,809         13,876           finoy Aquino (Marisol)         1,122         1,420         2,143         2,245         2,245         2,245         2,245           fasta         1,122         1,420         2,55%	Santa Teresita	10,795	11,690	9,360	0.80%	-v. ve%	2,200	2,200			
anto Domingo         12,595         14,869         15,560         1,65%         -6.29%         2,805         2,650           anto Domingo         3330         4,105         4,000         0,44%         -0.65%         775         820           anto Rosario (Pob.)         7,430         9,477         8,200         2,15%         -5.19%         2.933         1,780           irrey Aquino (Marisol)         1925         1,551         1,260         -2.115%         -5.19%         2.933         2.000           frey Aquino (Marisol)         56,692         73,183         77,480         2.245         2.200           frey Aquino (Marisol)         56,692         73,183         77,480         2.55%         1.422%         1,780           frened         17,22         1,513         2.37%         2.35%         1.428%         7.560           farsan         2,270         2,650         2,670         2.65%         2.75%         4.56%         4.45%           farsan         1,122         1,773         1,781         2.37%         2.93%         576         6.55           andating         1,722         1,613         2.37%         2.95%         9.65%         4.45%           andating	Santo Cristo	2.793	3,857	3, 140	3.23%	-5.14%	728	/20	%/7.0-		
Titor         Action         Action </td <td>Canto Domingo</td> <td>12,595</td> <td>14.869</td> <td>11,560</td> <td>1.66%</td> <td>-6.29%</td> <td>2,805</td> <td>2,660</td> <td>-1.33%</td> <td>4.35</td>	Canto Domingo	12,595	14.869	11,560	1.66%	-6.29%	2,805	2,660	-1.33%	4.35	
aparaybatic         7,430         9,477         8,200         2.45%         -3.52%         1,788         1,780           rigen delos Remedios         1,925         1,551         1,260         -2.16%         -5.19%         293         300           rigen delos Remedios         1,925         1,551         1,260         -2.16%         -5.19%         293         300           finoy Aquino (Marisol)         56,692         73,183         77,480         2.55%         1.42%         13,878         2,200           fened         19,210         24,663         24,720         2.55%         1.42%         13,878         284           andating         1,122         1,422         1,613         2.37%         2,15%         2,335         576         655         2,465         576         625         3,79 <td< td=""><td>Santo Bosario (Pob.)</td><td>3,930</td><td>4,105</td><td>4,000</td><td>0.44%</td><td>-0.65%</td><td>775</td><td>820</td><td>1.43%</td><td></td></td<>	Santo Bosario (Pob.)	3,930	4,105	4,000	0.44%	-0.65%	775	820	1.43%		
Trigenulos         1,925         1,551         1,260         -2.16%         -5.19%         293         300           Innoy Aquino (Marisol)         0         11,898         9,700         -5.11%         2.245         2.200           Innoy Aquino (Marisol)         56,692         73,189         77,480         2.55%         1.42%         13,809         13,878           Ferred         19,270         24,669         24,720         2.55%         1.42%         13,809         13,878           Ferred         11,122         1,422         1,613         2.37%         3.15%         266         224           andating         1,122         1,422         1,576         2.68         284         276         2.23         3.17           andating         1,122         1,422         1,781         3.02%         0.05%         4.655         4.458           andating         1,122         1,422         1,781         3.02%         0.97%         3.79         2.319           andating         1,122         1,422         1,781         3.02%         0.05%         4.655         4.45%           andating         2,263         3,422         3.02%         0.05%         6.69         2.107 <td></td> <td>7.430</td> <td>9,477</td> <td>8,200</td> <td>2.43%</td> <td>-3.62%</td> <td>1,788</td> <td>1,780</td> <td>-0.11%</td> <td></td>		7.430	9,477	8,200	2.43%	-3.62%	1,788	1,780	-0.11%		
Inoy Aquino (Marisol)       0       11,898       9,700       -5,11%       2,245       2,200         Inoy Aquino (Marisol)       56,692       73,489       77,480       2,55%       1,42%       13,878       2,245       2,200         Inoy Aquino (Marisol)       56,692       73,489       77,480       2,55%       1,42%       13,878       2,200         Inoy Aquino (Marisol)       56,692       73,189       77,480       2,55%       1,42%       13,878       2,200         Inoy Aquino (Marisol)       56,692       73,189       77,480       2,55%       1,42%       13,878       2,200         Ino Ino I aduating       1,122       1,422       1,513       2,37%       3,15%       556       526	Virgen defos Remedios	1,925	1,551	1,260	-2.16%	-5.19%	293	300	0.62%	4	
S6,692         73,189         77,480         2.55%         1.42%         13,809         13,878           ferred         19,210         24,720         2.55%         1.42%         13,809         13,878           atasan         11,122         1,422         1,613         2.50%         0.05%         4,655         4,458           andating         1,122         1,422         1,613         2.30%         576         625         2.4458           aquious         1,122         1,422         1,513         2.37%         2.93%         576         625         4,458           aquious         1,713         1,781         2.37%         2.93%         576         625         2.4458         3.19         337           apalad         2,200         3,052         3,432         3.02%         0.97%         576         625         4,458         576         625         4,458         576         625         4,458         576         625         4,458         576         625         4,458         576         625         4,458         576         625         5456         576         576         576         576         576         576         576         576         576	Ninov Aquino (Marisol)		11,898	9,700		-5.11%	2,245	2,200	-0.51%	4.4	
Formed         77,480         2.55%         1.42%         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.500         1.422         1.422         1.422         1.422         1.422         1.422         1.420         2.50%         0.05%         4.655         4.456         2.84           Candating         1.122         1.122         1.422         1.613         2.37%         3.15%         268         284         284         284         284         276         255         4.456         2265         284         276         255         284         276         255         284         276         255         284         276         255         284         276         255         284         276         255         284         276         255         284         275         255         284         276         255         284         276         255         284         276         255         275         255         275         255         275         255         275         275         275         275 </td <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>1969</td> <td>000 54</td> <td>4.5 070</td> <td>70C+ V</td> <td>2 Y Y</td>				-		1969	000 54	4.5 070	70C+ V	2 Y Y	
n         19,210         24,669         24,720         2.50%         0.05%         4,655         4,458           n         1,122         1,422         1,613         2.37%         3.15%         268         284           us         1,122         1,422         1,613         2.37%         3.15%         268         284           us         1,122         1,422         1,613         2.37%         3.15%         268         284           us         1,122         1,781         3.02%         0.97%         323         319           us         1,267         1,713         1,781         3.02%         0.97%         323         319           usin         1,567         1,713         1,781         3.02%         0.97%         325         337           usin         1,568         1,079         1,781         3.02%         0.97%         556         655           usin Sur         2.487         2,997         1,082         1,079         1.59%         9.06%         550         402           usin Sur         2.487         2,997         1,079         1.59%         0.51%         556         516         555         319         310	ırayat	56,692	73,189	77,480	2.55%	07.74°. L	600°C1	0.00'01		7	
n ing ing iso iso iso iso iso iso iso iso	The sector sector	19 210	24,669	24,720	2.50%	0.05%	4,655	4,458	-1.08%	5.55	
2,200       3,052       3,432       3,27%       2,93%       576       625         1,267       1,713       1,781       3,02%       0,97%       323       319         1,267       1,713       1,781       3,02%       0,97%       323       319         1,267       1,713       1,781       3,02%       0,97%       323       319         1,267       1,713       1,781       3,02%       0,97%       323       319         1,648       2,099       2,001       2,42%       -1,20%       396       337         2,487       2,917       1,984       1,59%       -9.64%       550       402         2,487       2,917       1,984       1,59%       -9.64%       550       402         928       1,079       1,569       1,079       1.54%       -0.07%       204       210         91       1,656       2,078       3,550       2,165       3,23%       303       365       337         1,605       2,078       2,566       1,59%       1,668       1,668       3,03%       376         1,603       1,693       1,698       1,693       1,693       2,66%       3,19       310<		6611	422	1613	2.37%	3.15%	268	284	1.42%		
1,267       1,713       1,781       3.02%       0.97%       323       319         1,267       1,713       1,713       1,781       3.02%       0.97%       323       337         1,267       1,713       1,781       3.02%       0.97%       326       337         1,648       2,099       2,001       2.42%       -1.20%       396       337         1,648       2,093       2,017       1,984       1.55%       -9.64%       550       402         2,487       2,917       1,984       1.55%       -0.07%       204       210         1,505       2,078       3,550       2.659       3,478       3,550       2.65%       0.51%       556       615         ia Cupang       1,605       2,078       2,165       3.23%       1.03%       392       386         1,605       2,078       2,165       3.23%       1.03%       392       386         ia Matamo       1,603       1,693       1,698       1.66%       3.03%       319       310         1,360       1,773       1,941       2.65%       2.26%       3.35       333       333         1,300       1,773       1,941	Datasan		220 6	2 237	3 27%	2 93%	576	625	2.05%		
1,207       1,713       1,014       2,025       337         1,648       2,099       2,001       2,42%       1,02%       396       337         928       1,082       1,079       1,55%       -9.64%       550       402         928       1,079       1,55%       -9.64%       550       402         2,659       3,478       3,550       2,65%       -0.07%       204       210         2,655       3,478       3,550       2,65%       -0.07%       204       210         1,505       2,078       2,165       3,23%       1,03%       392       386         1,603       1,693       1,698       1,66%       -0.06%       319       310         1,360       1,773       1,941       2,65%       -0.06%       319       310         1,360       1,773       1,941       2,65%       -2.26%       335       333         1,360       1,773       1,941       2,65%       2.26%       335       333         1,360       1,773       1,941       2,65%       3.25%       335       333	Cancaung			101	200%	0 97%	373	319	-0.33%		
1,648     2,009     2,001     2,42%     -1,42%     -0,07%     20       928     1,082     1,079     1,59%     -9,64%     550     402       928     1,082     1,079     1,59%     -9,64%     550     402       2,659     3,478     3,550     2,65%     -0,07%     204     210       1,505     2,078     2,165     3,23%     1,03%     392     386       1,624     1,917     1,698     1,66%     -3,03%     362     311       1,623     1,693     1,689     4,48%     -0,06%     319     310       1,360     1,773     1,941     2,65%     335     333       1,360     1,773     1,941     2,65%     335     335	Laquious	107.1		1011			306	227	20 P		
2,487       2,91/       1,984       1,55%       -9.04%       200         928       1,082       1,079       1,55%       -9.04%       200       210         2,659       3,478       3,550       2,65%       0,07%       204       210         1,505       2,078       2,165       3,23%       1,03%       392       386         1,624       1,917       1,698       1,66%       -3,03%       362       311         1,623       1,693       1,689       4,48%       -0.06%       319       313         1,360       1,773       1,941       2,65%       2,26%       335       333         1,360       1,773       1,941       2,65%       2,26%       335       333	Mapalad	1,648	880'Z	100'2	0/27.4	0/07'1-		505	7 85%	76 7	
928     1.082     1.079     1.54%     -0.07%     204     210       2.659     3.478     3.550     2.69%     0.51%     656     615       1.505     2.078     2.165     3.23%     1.03%     392     386       1.624     1.917     1.698     1.66%     -3.03%     362     311       1.622     1.917     1.698     1.66%     -3.03%     362     311       1.623     1.693     1.689     4.48%     -0.06%     319     310       1.360     1.773     1.941     2.65%     2.26%     333	Poblacion	2,487	2,91/	1,964	0%.AC.1			1010	2220		
2,659     3,478     3,550     2.69%     0.51%     556     013       1,505     2.078     2,165     3.23%     1.03%     392     386       1,624     1,917     1,698     1.66%     -3.03%     362     311       1,622     1,917     1,698     1.66%     -3.03%     362     311       1,032     1,693     1,689     4,48%     -0.06%     319     310       1,360     1,773     1,941     2.65%     2.26%     335     333	San Agustin Sur	928	1.082	1,079	1.54%	-0.07%	204		2 2 2		
1,505 2,078 2,165 3.23% 1.03% 392 386 1,624 1,917 1,698 1.66% -3.03% 362 311 1,082 1,693 1,689 4.48% -0.06% 319 310 1,360 1,773 1,941 2.65% 2.26% 335 333	San Mateo	2,659	3,478	3,550	2.69%	0.51%	656 223	010	%70°.L-		
1.624 1.917 1.698 1.66% -3.03% 362 311 1.082 1.693 1.689 4.48% -0.06% 319 310 1.360 1.773 1.941 2.65% 2.26% 335 333	Santa Lucia Cupano	1,505	2.078	2,165	3.23%	1.03%	392	422	-0.33%		
1,082 1,693 1,689 4,48% -0.06% 319 310 1,360 1,773 1,941 2.65% 2.26% 335 333	Santa Lucia Matamo	1.624	1.917	1,698	1.66%	-3.03%	362	311	-3.78%		
1,360 1,773 1,941 2.65% 2.26% 335 333	Canto Nino Tahiran	1 082	1,693	1,689	4.48%	-0.06%	319	310	-0.75%		
		360	1 773	1.941	2.65%	2.26%	335	333	-0.11%	5.83	
									1041	5	

· II - 2

8

0

-

0

. .

Total Population, Annual Growth Rate, Number of Households and Average Household Size 1980, 190, 1994 (3/9)

					Annua! Growth	owth			Growth	рюн.н
			- 1 - 4		Rate		Households	holds	Rate	Size
Province/Municipality/	-	- Cao+	0 0 0 1 2 1 0 0 1990	1994	06-08	90-94	1990	1994	90-94	1994
Barangay		0021		70 700	2 5.8%	2.09%	9.155	9,420	0.71%	5.60
Unaffected		37,482	48,520	261,40	1 73%	7.05%	359	400	2.70%	6.3(
Arenas		1,599	1.901	7,000	7047 0	-47%	244	240	-0.41%	5.0
Daliti		1,011	1,294	1,220	0/ / t / 20 1	7630 0		001	-8.58%	<u></u> 8
Dauki		434	747	520	5.43%	-9,00%-	- 0 t 0		-0 40%	
Buensuceso		2 101	3.124	3,700	3.97%	4.23%	586			
Gatiawin		1064	501	3.020	2.42%	4.71%	472	084	0.10%	
Guemasan		100 -	- 00 V	580	1.97%	8.07%	79	100	5.82%	
La Paz (Turu)		0 t () 1 t () 1 t ()	140	2 440	2.89%	0.54%	635	620	-0.61%	10 10
Lacmit		12¢'Z	100.0		2 2 1 %	7 78%	1.222	1,780	9.41%	
Manga-Cacutud		5,141	6,4/0	0.00	2000 0	2 07%	28-	280	-0.12%	
Panlinland		1,072	1,491	079'L	2.00.0	10.020	260.	220	-5.05%	
Darajava		1,488	1,427	920	8774°0-	0/ /0// u	100	780	1.80%	
		3,054	3,847	4,760	2.31%	0.52%	077		%:U U".	
	-	1 704	2.333	2,860	3.14%	5.09%	440		2010-0-	
San Agusun Norie		1 450	1 722	1.900	1.72%	2.46%	325	0140		
San Antonio			2 511	3.720	2.30%	1.45%	662	660	%A0.0-	
San Jose Mesulo			0 460 A 460	4 660	2.77%	1.10%	841	840	-0.04%	
San Juan Bano				2 340	2.85%	-17.45%	88.7	480	-15.36%	
San Nicolas		000,0	1 1 1 1 1 1	2 C C 7 7 7 7 7	7 84%	5.78%	482	480	-0.11%	
San Roque (Bitas)		1,923			2020	2 48%	499	500	0.06%	5.84
Kaledian (Camba)		1,958	7.044	17 A A A		i				
Mahalacat		78,235	117,336	105,369	4.05%	-2.69%	22,139	21,804	-0.38%	4.83
		•			1000	70 T C C	2 785	1.184	-21.38%	5.02
Threatened		12,159	14,759	5,949	1.44/e	7064 30		67	-86.36%	
		6,466	8,218	256	2.40%	00.47.00-		0.00	10E7 L	
		1.445	1.662	1,291	1.40%	-6.32%	オーウ			
San Joanun		4,248	4,879	4,402	1.38%	-2.57%	126	206		
								122	<i>%50</i> .6-	
		6.388	9,283	5,640	3.74%	-72.4/70	1011		7110	4 20
Anecieu		110	1.563	840	3.35%	-15,52%	295 2	202		
Cacutua		800	1 215	720	4.08%	-13.08%	229	140	02.00.7L-	
Macapagal Village					5.27%	-35.04%	383	100	-33.59%	20.00
Marcos Village		3,263	4,479	3,580	3.17%	-5.60%	845	280	-2.00%	_
Calla mes									JOCK C	
		59.688	93,289	93,780	4.47%	0.13%	17,602	19,400		00° 4
Onaliecteu		25.4	549	1.060	4.39%	16.45%	104	200		
Atlu Bola				2 380	4.22%	15.49%	242	480	17.15%	
Bical			100		7 70%	-17,00%	186	100	-15.54%	
Bundagul		104		000 0	13 12%	0.04%	550	600	2.18%	
Camatchiles		(8)	<u>ר</u> היה	212.2						

Ţ

8

•

					Annual Growth	owth			Annual Growth	Average H'Hold
Province/Municipality/	• • •	1980	Population 1990	1994	Rate 80-90	96-06	Households 1990 1	holds 1994	Rate 90-94	Size 1994
		307	670	500	2 97%	-3.36%	108	120	2.65%	4.17
Dapdap		634 66	7 180	48 940	3.53%	0.92%	8,902	10,360	3.79%	4.72
Dau		20, 00		1 940	11.98%	-18.59%	770	420	-15,15%	4,62
Duquit		107.1	4 COO	8 620 8	6 36%	6 96%	1 231	1.700	8.07%	5.07
Lakandula		101 101 101			10.86%	3.42%	2.073	1.940	-1.65%	4,94
Mabiga		3, / UO	,	5.00 620	2 02%	1.14%	122	100	-5.06%	6.20
Mangalit		0.00		500	2.42%	-1.36%	104	03	-6.46%	6.50
Mawake		- C + H	010 778		2.78%	-6.56%	128	100	-6.08%	5.20
Paralayunan		210	ſ	1 840	0.10%	-8,18%	482	300	-11,83%	6.13
Poblacion		2, 340 2, 700			1 04%	~2 93%	1 968	2.020	0.65%	4,59
San Francisco		0 A C A C	10,432	9,400 1	3.35%	25 11%	80	280	26.22%	5.07
Santa Maria			ſ		1 18%	-2 16%	428	400	-1.69%	5.20
Santo Rosario		000 000			6 A206	15.51%	108	200	15.51%	5.30
Sapang Biabas	÷	005		000°	e ++.0	2.000	2	2 2 7		
Magalang		34,840	43,940	44,590	2.32%	0.37%	8,291	8,092	-0.61%	5.51
		1031	5 038	6 450	2.66%	1.65%	1,139	1,112	-0.61%	5.80
inreatened		660		985	2.58%	3.57%	161	163	0.29%	6.04
- Bulleven	. ,	1 248		1 879	2.86%	1.14%	339	321	-1.34%	5.85
		1004		2 690	2 45%	1.37%	481	488	0.38%	5.51
		625	842	896	2.98%	1.55%	159	140	-3.16%	6.40
222	-		.1			·	•			
Unaffected		30.213		38,140	2.27%	0.16%	7,151.	6,980	-0.61%	5.46
Camias		656	782	760	1.76%	-0.71%	148	140	-1.31%	5.43
		538		560	2.77%	-5.93%	134	140	1.10%	4.00
		814		980	1.74%	0.28%	183	180	-0.39%	5,44
		635	922	800	3.73%	-3.55%	174	140	-5.43%	5.71
San Acustin		1 906	*	1,500	-4.32%	4.82%	233	240	0.70%	6.25
San Antonio		647		840	1.50%	2.77%	142	140	-0.33%	6.00
San Francisco		1,908	2.337	2.640	2.03%	3.05%	441	440	-0.05%	6.00
San Ildefonso		3,618		5,000	2.32%	2.29%	861	820	-1.22%	6.10
San Isidro	:	492	•	800	4.30%	1 41%	143	140	-0.47%	5.71
San Jose		991	1,311	1,280	2.80%	-0.60%	247	240	-0.75%	5.33
San Miquel		964		1,240	2.32%	0.49%	229	220	-1.05%	5.64
San Nicolas 1st (Pob.)		2,935		2,300	-0.43%	-5.02%	531	540	0 44%	4.26
San Nicolas 2nd		2,403		2,660	1.90%	-2.21%	548	540	-0.38%	4.93
San Pablo (Pob.)		518		700	3.55%	-1.36%	139	140	0.10%	5.00

0001 ald Cinc . 7 · . . .

11-4

٢

---

0

0	

Total Population, Annual Growth Rate, Number of Households and Average Household Size 1980, 190, 1994 (5/9)

								Annuai	Average
				Annual Growth	owth			Growth	PIOH-H
	. <b>С</b>	opulation	Ē	Rate		Households	sholds	Rate	Size
Province/Municipality/	1980	1990	1994	80-90	90-94	1990	1994	90-94	1394
Detailing of the second s	007.0	070 0	000 0	0 94%	-1.32%	442	440	%60.0-	5.05
San Pedro II	2, 130	010 1	780	2.95%	-0.46%	342	340	-0.15%	5.24
San Vicente	0.00.0	2.0.	0.99	2.00%	0.02%	728	680	-1.70%	5.68
Santa Cruz (Pob.)	0107	0,001 2,001	440	2 7 1%	5.58%	99	60	-2.54%	7.33
Santa Lucia	042			2 A 4 6	S 79%	269	260	-0.89%	6.92
Santa Maria	1 0/8	074°1	000''	4 78%	-1.69%	307	300	-0.56%	5.07
Santo Nino	1,008	070	030,1	2 0 0 0 0 0 0 0	-2 41%	541	180	0.18%	4.78
Bucanan	694 0	1770	1 380	4.78%	1.38%	336	340	0.32%	5.53
Ayaia	• •		-					:	
Mexico	52,538	67,990	69,317	2.58%	0.48%	12,829	12,365	-0.92%	5.61
		22 690	24 697	2.62%	-1.45%	6,338	5,585	-3.16%	5.68
Threatenod	100,034	020,00	1 088	1 41%	2.64%	185	181	-0.51%	
Aci		5 0 C	1 977	2.37%	-10.17%	559	355	-11.34%	
Anao	0057	7.7.2	110	2.98%	4.76%	142	137	-0.91%	
Buenavista	1000	1 574	1 374	2.15%	-3.40%	297	220	-7.50%	
Camuning	222		743	1.16%	3.81%	120	150	5.50%	4.95
Cawayan	412	202 0	1 693	2.94%	-7.69%	435	280	-10.99%	
Culubasa	758	1 083	1.125	3.57%	0.95%	204	193	-1.43%	
	728	1 057	1.222	3.59%	3.63%	199	194	-0.69%	
	2027	367	540	0.42%	10.00%	68	06	6.90%	
Eden	252	473	490	2.95%	0.88%	68	85	-1.22%	
Ganous	100	747 0	1 797	2.19%	-4.45%	405	338	4.53%	
Masangsang		1 355	1 281	2.20%	-1.35%	255	201	-5.96%	
Pangotian			1 974	3.32%	-1.76%	400	400	0.02%	
San Carlos	0761	4, U A FOO	3 532	2.68%	0.07%	665	585	-3.19%	
	1 705	2.464	2,351	3.17%	-1.17%	465	458	-0.37%	
	221 1	1 265	926	2.21%	-11.47%	276	167	-12.60%	
Can Nicolas	990 -	004.0	2677	2.64%	2.43%	458	425	-1.89%	
San Vicente		1 406	1 569	2.82%	2.74%	265	274	0.81%	
Santa Cruz	871	1 507.	1 778	3.30%	2.68%	301	355	4.10%	
	- 196 -	1617	1 253	2.49%	-6.38%	305	255	4.48%	
Santo Domingo	107	584	602	3.59%	1.58%	110	102	-1.93%	
			077	1 28%	2 50%	133	140	1.28%	
Tanglay	620			0/ 07.1	2 A A A	2			
A Manchard	12.975	16.750	18,620	2.55%	2.65%	3,161	3,300	1.08%	5.64
Balac	1.170	1.664	1,420	3.52%	-3.96%	314	320	0.47%	
	1 063	1 418	1.400	2.88%	-0.32%	268	260	-0.76%	
		•	•						

j.

		· · · · ·			Annual Growth	owth	н., ,		Annual Growth	Average H'Hold
Province/Municipality/ Baranday		1980	Populatio 1990	n 1994	Rate 80-90	90-94	Households 1990 1	holds 1994	Rate 90-94	Size 1994
		2 062	3 916	4 160	2.46%	1.51%	739	740	0.04%	5.62
San Antonio			970 1	2 380	3 28%	4.88%	369	360	-0 65%	6.61
San Jose Malulio		995 F	1 693	2:080	2.15%	5.15%	319	320	0.04%	6.50
		1.071	1 335	1,360	2.20%	0.46%	252	240	-1.21%	5.63
		0.183	2,896	3,800	2,83%	6.79%	546	660	4.72%	5.76
Santo Rosario		1,649	1.870	2.020	1.26%	1,93%	353	400	3.14%	5.05
		127 24	47 650	19 000	2.53%	1.84%	3.330	3.480	1.10%	5.46
Unartecred		13,14	000,11	2 340	2.72%	-0.62%	453	480	1.47%	4.8
Lagunai		1 520	1 847	1.980	1.95%	1.74%	348	340	-0.62%	5.82
		568	728	620	2.48%	4.01%	137	140	0.48%	4.43
Muesamat Nuevo Victoria	•	509	641	760	2.31%	4.26%	121	120	-0.20%	6.3
		1 033	1 286	1.320	2.19%	0.65%	243	260	1.73%	5.05
		544	726	1,100	2.89%	10.39%	137	180	6.83%	6.
Parian (Pob )		3,448	4,109	4,680	1.75%	3.25%	775	820	1.40%	5.7
Sabanilla	•	922	1,098	900	1.75%	4.97%	207	200	-0.88%	4.50
San Miguel		290	1,147	1,380	3.73%	4.62%	216	240	2.59%	5.75
San Rafael		405	635	700	4.50%	2.44%	120	120	0.04%	5.83
San Roque		433	647	660	4 02%	0.50%	122	120	-0.43%	5.50
Sapang Maisac	۰.	1,712	2,387	2,560	3.32%	1.75%	450	460	0.53%	5.51
Sta. Ana		25,361	32,540	33,664	2.49%	0.85%	6,140	5,947	-0.80%	5.66
Threatenod	• .	11.503	14.517	13,544	2.33%	-1.73%	2,739	2,327	4.08%	5.8
San Aoustin		1.299	1.649	1,931	2.39%	3.95%	311	339	2.14%	5.7(
San Bartolome		1,056	1,522	1,242	3.66%	-5.08%	287	224	-6.21%	5.54
San Joaquin		2,632	2,767	2,198	0.50%	-5.76%	522	368	-8.74%	5.97
San Juan		1,193	1,569	1,404	2.74%	-2.78%	296	259	-3.34%	5.42
San Pedro	·	714	626	1,047	2.74%	2.72%	177	160	-2.55%	6.54
San Roque		1,637	2, 337	2,412	3.56%	0.79%	441	393	-2.88%	6.14
Santiago		2, 138	2,757	2,647	2.31%	-1.02%	520	471	-2.48%	5.62
Santo Rosario		784	677	663	2.20%	-9.69%	184	113	-12.23%	5.87
Unaffected		13,858	18,023	20,120	2.63%	2.75%	3,401	3,620	1.56%	5.56
San Isidro		3,300	4,203	4,780	2.42%	3.22%	262	800	0.22%	5.95
San Jose		610	737	1,680	1,89%	20.60%	139	300	19.22%	5.60
San Nicolas	·	2.102	2,639	2,920	2.28%	2.53%	498	520	1.08%	5.62
		0.10			1001 6	2 2 2 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	c ĩ			10 2

II - 6

9

0

Ð

۲	

J

-

Total Population, Annual Growth Rate, Number of Households and Average Household Size 1980, 190, 1994 (7/9)

V/V         P o p u l at l o n         Rate         Size         Numerholds         Rate         Size         Si					Annual Growth	owth			Growth	H-Hold
Lucia         2,647         3,845         3,460         3,845         2,925         74         560         -1,906           1, Jucia         2,647         3,819         4,200         2,23%         2,367         74         560         -1,906           6, Maria         3,056         3,619         4,200         2,23%         2,369%         734         560         -1,906           ReVNINCE         75,178         100,075         78,600         2,77%         2,39%         2,6641         -5,00%           RevNINCE         7,512         10,414         13,960         2,77%         7,33%         1,955         2,560         0,17%           RevNINCE         7,512         10,414         13,960         2,77%         7,33%         1,955         2,560         0,17%           RevNINCE         7,512         10,414         13,960         2,77%         7,33%         1,555         2,560         6,617         5,500           RevNINCE         7,573         2,513         2,017         3,715         1,236%         2,550         6,573         5,500         6,617         5,500         6,617         5,500         6,617         5,500         6,617         5,500         6,617         5,5	Province/Municipality/		0		Rate 80-90	90-94	House 1990	shoids 1994	Rate 90-94	Size 1994
Migays         113,192         156,114         133,540         2.70%         -2.99%         24,55         2.50%           ays         7,512         100,025         78,580         2.70%         -2.99%         28,651         -2.50%           ays         7,512         10,414         133,540         2.70%         -2.99%         28,651         -2.50%           ays         7,512         10,414         133,540         2.70%         -1.4.79%         6.140         3.715         -1.2.50%           ays         7,512         10,414         133,540         2.70%         -1.4.79%         6.140         3.715         -5.03%           ays         32,543         13,008         3.10%         -1.4.79%         6.140         3.715         -12.56%           ays         503         5.017         3.29%         -16.79%         -5.03%         -17.26%         5.13.47%         -12.56%         -17.26%         5.13.47%         -12.56%         -17.47%         -12.56%         -17.26%         -13.26%         -13.47%         -2.56%         -17.26%         -2.56%         -17.46%         -2.56%         -13.47%         -12.66%         -13.47%         -12.66%         -12.66%         -12.66%         -12.66%         -12.66%	sartangay Santa Lucia Santa Maria	2,647 3,056	3,888 3,819	3.460 4,200	3.84% 2.23%	-2.92% 2.38%	734 721	680 740	-1.90% 0.67%	5.09 5.68
113, 122         156, 114         138, 540         2.70%         -2.99%         26, 651         -2.50%           39:5         7, 512         10, 0.025         78, 600         2.77%         6.00%         18873         15, 431         -5.00%           39:5         7, 512         10, 414         13, 960         2.77%         6.00%         18773         15, 431         -5.00%           37,5         2, 550         2, 560         2.77%         5.00         3.71%         1.30%         1.37%         1.35         -5.00%           3, 447         5, 055         6, 017         3.79%         4.45%         950         1.25%         -12.56%           3, 447         5, 055         6, 017         3.79%         4.56%         950         1.23%         -12.56%           3, 447         5, 055         6, 017         3.79%         4.56%         950         1.25%         -12.56%           3, 447         5, 055         6, 017         3.79%         4.45%         950         1.25%         -12.56%         -12.66%         -12.66%         -12.66%         -12.66%         -12.66%         -12.66%         -12.66%         -12.66%         -12.66%         -12.66%         -12.66%         -12.56%         -12.66%<										
Mgays         76.178         100,025         78,600         2.72%         6.00%         18,873         15,431         -5.03%           ays         7,512         10,414         13,960         3.25%         7.33%         1,965         2,600         661%           ays         7,512         10,414         13,960         3.71%         7.33%         1,965         2,600         61%           75729         27,348         71,348         14,79%         5,140         3.715         -12.56%         617         3.745         5,560         61%           75729         27,348         71,408         3.05%         -16,77%         4.028         2.335         -13,42%         5,560         61%           7378         2.013         8.01         7.33%         4.47%         51         3.33         -12.6%         -12.6%           2,033         6.017         3.74%         4.7710%         51         3.74%         4.7710%         -12.6%         -12.6%           2,033         2,034         1,36%         5.037%         4.033         166         -12.6%         -23.5%         -12.6%         -23.5%         -12.6%         -23.5%         -12.6%         -23.5%         -12.6%         -23.5%		119 192	156.114	138,540	2.70%	-2.99%	29,455	26,651	-2.50%	5.20
Contraction         55:502         45:575         45:500         2.52%         0.12%         8:518         8:600         0.12%           cented Barangeys         7,572         10,414         13,960         3.27%         7.33%         1,965         2,560         6:61%           cented Barangeys         7,572         10,414         13,960         3.27%         7.33%         1,965         2,560         6:61%           cented Barangeys         3,477         5,008         3.10%         -14.79%         6,1140         3.715         -12.36%         -13.26%           cented         3,477         5,005         6,017         3.79%         -45%         950         1.73         -12.36%           cented         3,447         5,005         6,017         3.79%         -45%         950         1.73         -12.6%           cented         3,447         5,005         6,017         3.19%         -13.33%         -13.26%         -13.47%           cented         3,447         5,005         6,017         3.19%         -305         -12.6%         -12.6%         -12.6%         -12.6%         -12.6%         -12.6%         -12.6%         -12.6%         -12.6%         -12.6%         -12.6%         -12.6	AKLAC FROVING Francisco Decenter	76.178	100,025	78,680	2.72%	-6.00%	18.873	15,431	-5.03%	1. U
Z3,863         3,2,543         18,008         3,10%         -14,79%         6,140         3,715         -12,56%           Need         15,779         27,339         11,408         3,05%         -15,67%         4038         513,42%           Nupul         3,715         3,755         5,133         51,5%         55,5%         -55,5%         56,6%           Nupul         3,775         2,3378         5,133         820         2,355         51,6%         3,715         3,725%         56,6%         -27,21%         3,768         50,8%         -27,21%         3,165%         -27,21%         2,166%         2,375%         51,6%         -27,21%         3,165%         -27,21%         2,166%         -26,6%         -26,6%         -26,6%         -26,6%         -26,6%         -26,6%         -26,6%         -26,6%         -11,0%         950         166         2,166%         -11,0%         950         166%         -12,6%         -25,6%         -12,6%         -12,6%         -25,6%         -12,6%         -25,6%         -25,6%         -25,6%         -25,6%         -25,6%         -25,6%         -25,6%         -25,6%         -12,6%         -12,6%         -12,6%         -12,6%         -12,6%         -12,6%         -12,6%         -12	Affected Barangays I Inaffected Barangays	35,502 7,512	45,675	45,900 13,960	2.52% 3.27%	0.12% 7.33%	8,618 1,965	8,660 2,560	0.12% 6.61%	5.45 5.45
Add         5,729         27,349         71,408         3.05%         -15,778         4.028         2.355         -13,42%           Upbasa         3,447         5,035         6,017         3.79%         4,45%         550         1.233         6,64%           Upbasa         162         2,711         17         5,15%         6932%         51         3         70,89%           Ibbasa         2,033         2,613         820         2,28%         -53,6%         433         46         3         -27,21%         -27,21%         -27,21%         -27,21%         -27,21%         -27,21%         -27,12%         -27,12%         -27,12%         -27,16%         -27,13%         -21,65%         -27,13%         -21,65%         -25,87%         -40,6%         -25,87%         -41,65%         -25,87%         -41,65%         -25,87%         -27,24%         -27,24%         -27,24%         -27,24%         -26,67%         -25,87%         -25,87%         -25,87%         -25,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,87%         -26,8		23,863	32,543	13,008	3.10%	-14.79%	6,140	3,715	-12.56%	4.85
Mode         75,729         27,339         77,400         3,000         77,400         3,000         6,000         6,000         6,000         6,000         6,000         6,000         6,000         6,000         6,000         6,000         6,000         6,000         6,000         2,000         6,000         2,000         6,000         2,000		. '			2 AE8/	15 670/	X 078	2355	-13.42%	4.84
nupul         3.447         5.033         0.01         5.15%         69.22%         5.1         7.0.39%         5.03         7.0.39%         5.73         7.0.39%         5.73         7.0.39%         5.73         5.03         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.65         3.13%         7.12         7.36%         3.155%         3.165%         3.166%         3.255%         3.166%	Threatened	15,729	27,349	0.041	0.00 0 0 0 0 0 0 0 0 0 0 0 0 0	10.01	040	1 239	6.64%	4.8
ulubesa       152       2.11       2.12       2.12       2.12       3.11	Anupul	3,447	5,035	0.01/	0/10/10/10/10/10/10/10/10/10/10/10/10/10	ACC 03.	) (	) 2 2	-70.89%	5.67
eia Cruz 2 2039 2.513 202 2.24% 33.6% 436 123 -11.66% 3464 5.2312 602 2.24% 47.10% 950 163 -44.06% 140.6% 140.6% 11.26 665 2.87% 13.13% 2712 128 12.267% 140.6% 278 5.2312 656 5.287% 13.13% 2712 128 12.267% 15.07% 950 163 14.06% 2.5.87% 17.26 13.13% 2712 12.267% 15.09% 2.5.87% 17.04% 2.0.226% 227 123 1-2.67% 15.09% 2.5.87% 10.07% 2.0.226% 2.27 120 15.39% 15.09% 15.09% 15.09% 2.5.87% 10.07% 2.0.226% 2.27 120 15.39% 15.09% 15.09% 10.07% 2.0.26% 12.00% 15.39% 10.07% 2.5.87% 10.07% 2.0.26% 12.00% 15.39% 10.07% 2.0.226% 2.27 120 15.39% 10.07% 2.0.26% 10.07% 2.0.26% 10.07% 2.0.26% 11.00% 15.89% 10.07% 2.0.26% 11.00% 2.5.87% 10.07% 2.0.26% 11.00% 15.39% 10.07% 2.0.26% 11.00% 15.39% 10.075 2.20 2.35% 11.00% 2.0.30% 11.25% 10.075 2.20 2.35% 11.00% 2.35% 10.07% 2.0.29.73% 196 1.0.08 1.1.100% 2.35% 10.07% 2.0.29.73% 10.08 1.1.100% 2.35% 10.075 2.20 2.35% 10.075 2.25% 10.028 1.1.40 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.075 2.20 2.35% 10.000 10.01100 151 2.119 1.1102 1.192 1.192 1.192 1.192 1.192 1.192 1.102 2.20 2.25% 10.000 2.000 2.1731% 2.128% 2.55 1.778 2.20 2.20% 10.55% 1.100% 2.20%	Culubasa	162	1/2			28.07%	492	166	-27.21%	4,94
a Paz 2.374 5.312 0.02 2.374 4.710% 950 163 -44.06% ourdes ourdes clears an Argan from 950 163 -44.06% ourdes ourdes an Argan from 950 123 1.26 1.20% ourdes an Argan from 950 123 1.26 1.20% ourdes an Argan from 950 123 1.20% ourdes an Argan from 950 123 1.20% ourdes an Nicente 534 1.201 5.347% ourden 1.35% ourden 1.36% ourden 0.3 4.40% ourden 1.36% ourden 0.0 00% ourden 1.36% ourden 0.0 00% ourden 0	Dela Cruz	2,039	510'Z		20 28%	33.64%	436	123	-31.65%	4.8
ourdes       2.87%       -13.13%       212       128       -12.67%         ourdes       an Raise       1.126       656       2.87%       -13.13%       212       123       -12.67%         an Raise       1.126       656       5.80%       -0.22%       129       123       -1.20%         an Raise       1.823       2.088       641       1.36%       -20.26%       327       120       -5.38%         an Vicente       594       1.201       534       7.04%       -20.26%       327       120       -5.38%         an Vicente       594       1.201       534       7.04%       -20.26%       327       120       -5.58%         anto Nino       594       1.201       534       7.04%       -20.26%       171       120       -5.58%         anto Nino       8,134       11.194       6,600       3.19%       123       1710%       -5.38%         ed       8,134       11.194       5,605       5,780       1,075       2.110%       2.5.58%         anaba       1.015       5,459       5,780       1,075       2.27       1,076       5.5.8%         an Nicolas (Pob.)       18,83       25,795	La Paz	2,3/8	2.512	765	3 74%	-47,10%	950	163	-44.06%	4.6
delos Kemedios (Facatcal)       0.3       1.4       5.80%       -0.22%       123       -1.20%         an Rafael       1.823       2.084       641       1.36%       -29.52%       394       140       -25.87%         an Nicente       594       1.201       5.34       7.04%       -20.25%       394       140       -25.87%         an Vicente       594       986       668       5.07%       -9.73%       186       150       -5.38%         anto Nino       5,459       5,655       820       3.19%       -13.21%       2,112       1,360       -11.00%         eand       8,134       11,194       6,600       3.19%       -13.21%       2,112       1,360       -11.00%         eand       8,134       11,194       6,600       3.19%       -13.21%       2,112       1,360       -11.00%         eand       8,134       17,194       6,600       3.19%       -10.75       220       -39.65%         eand       8,134       1,194       5,655       820       3.09%       -1,075       220       -3.65%         annoicelas (Pob.)       18,883       26,175       19,387       3,176       -6.03%       -6.03%       -6.05%	Lources		200 7 7	666 666	2.87%	-13.13%	212	128	-12.67%	5.2
an Karael an Karael an Karael anto Nino anto Nino ed anto Nino en anto Nino ed anto Nino en anto Nino anto Nino anto anto Nino anto anto anto anto anto anto anto an	V delos Kemecios (Facalcal)		684	678	5.80%	-0.22%	129	123	-1.20%	5.5
an Koque (2016) (2017)	San Katael			641	1.36%	-29.52%	394	140	-25.87%	9. 4
and Vicence       594       986       668       5.07%       -9.73%       186       150       -5.38%         anto Nino       8,134       11,194       6,600       3.19%       -13.21%       2.112       1,360       -11.00%         an bicolas (pob.)       8,134       11,194       6,600       3.19%       -13.21%       2.112       1,360       -11.00%         an bicolas (pob.)       4,035       5,595       820       3.09%       1,25%       1,075       2.250       -336%         an Nicolas (pob.)       4,035       5,780       3.09%       1,25%       1,140       2.35%         an Nicolas (pob.)       18,883       25,795       19,987       3.12%       -4.68%       -4.68%         cond       11,26       1,25%       1,075       2.220       -3365       -4.68%         cond       13,17       3.12%       -5.27%       3,835       3,016       -6.07%         cond       2178       2,611       2,119       1,81%       -5.22%       3,916       -6.07%         cutcut st       2,178       2,611       2,119       1,81%       -5.22%       3,916       -6.07%         cutcut rat       3,594       5,560       4,553 </td <td>San Koque</td> <td>70Y</td> <td>1 201</td> <td>534</td> <td>7.04%</td> <td>-20.26%</td> <td>227</td> <td>120</td> <td>-15.89%</td> <td>4</td>	San Koque	70Y	1 201	534	7.04%	-20.26%	227	120	-15.89%	4
ed anaba anaba anaba anaba an Nicolas (Pob.) 18, 734 11, 794 6, 600 3.19% -13.21% 2,112 1,360 -11.00% anaba 4,035 5,635 820 3.30% -48.45% 1,075 2.20 -39.65% 4,036 -4.68% -4.68% -4.68% -4.68% 18,883 25,795 19,987 3.12% 6.38% 4,867 4,036 -4.68% tened there d 2,178 2,611 2,119 1.81% -5.22% 3,835 3,076 -6.07% 2,178 2,611 2,119 1.81% -5.22% 493 4,16 -6.07% 2,178 2,611 2,119 1.81% -5.22% 493 3,076 -6.07% 2,178 2,611 2,119 1.81% -5.22% 3,835 3,076 -6.07% 2,178 2,611 2,119 1.81% -5.22% 3,835 3,076 -6.07% 2,178 2,611 2,119 1.81% -5.22% 599 300 -17,31% 2,006 1,684 1,948 1,192 1.46% -12.28% 558 555 -7,78% 2,000 1030 1st 2,000 1st 2,000 2,076 2,016 2,740 3,49% -9.56% 758 555 -7,78% 2,000 1st 2,076 2,076 2,016 2,740 3,49% -9.56% 758 555 -7,78% 2,000 1st 2,076 2,076 2,076 2,076 555 -7,78% 2,000 1st 2,076 2,076 2,076 555 -7,78% 2,000 1st 2,076 2,076 2,076 555 -7,78% 2,000 1st 2,076 2,076 2,076 555 -7,78% 2,000 1st 2,076 2,076 2,076 2,076 2,076 2,076 2,076 555 -7,78% 2,000 1st 2,076 2,076 555 -7,78% 2,000 1st 2,076 2,076 2,076 555 -7,78% 2,000 1st 2,076 2,076 2,076 555 -7,79% 2,076 2,076 2,076 2,076 2,076 2,076 2,076 2,076 555 -7,778% 2,000 1st 2,076 2,076 2,076 2,076 2,076 2,076 2,076 2,076 2,078 2,076 2,076 2,078 2,076 2,076 2,078 2,076 2,076 2,076 2,076 2,078 2,076 2,076 2,076 2,078 2,076 2,076 2,078 2,076 2,076 2,076 2,076 2,076 2,078 2,077 2,076 2,076 2,078 2,078 2,076 2,076 2,078 2,076 2,077 2,076 2,078 2,077 2,076 2,078 2,078 2,078 2,078 2,078 2,078 2,077 2,076 2,078 2,078 2,078 2,078 2,078 2,	San vicence Santo Nino	594	986	668	5.07%	-9.73%	186	150	-5.38%	4.45
ed anaba an Nicolas (Pob.) an Nicolas (Pob.) <i>1.25% 1.075 220</i> 330% <i>48.45% 1.075</i> 220 39.65% <i>4.035 5.459 5.780</i> 3.09% <i>1.25% 1.075 220</i> 39.65% <i>4.035 5.459 5.780</i> 3.09% <i>1.25% 1.075 2.35%</i> <i>4.036 4.68%</i> <i>5.459 5.795 19,987</i> 3.12% <i>-5.38% 4.867 4.036 -4.68%</i> <i>5.178 2.611 2.119 1.81% -5.22% 4.93 4.16 -6.01%</i> <i>2.178 2.611 2.119 1.81% -5.22% 4.93 4.16 -6.01%</i> <i>2.178 2.611 2.119 1.81% -5.22% 4.93 4.16 -4.23%</i> <i>2.177 1.528 2.53% -18.30% 5.99</i> 300 <i>-17.31%</i> <i>2.468 1.948 1.192 1.46% -12.28% 3.65 5.778%</i> <i>2.610 2.53% -13.28% 7.68 5.55</i> <i>7.78% 2.66 1.948 1.192 1.46% -12.28% 5.55 5.778%</i> <i>2.66 1.948 1.192 1.46% -12.28% 5.55 5.778%</i> <i>2.66 2.740 3.49% -0.05% 5.55 5.778%</i> <i>2.68 2.740 2.49% -0.05% 5.55 5.778%</i>				5 500	700+ C	7026 EF	2 1 1 2	1.360	-11.00%	4.5
ianaba     4,033     5,459     5,780     3,09%     1,25%     1,038     1,140     2.35%       ian Nicolas (Pob.)     18,883     25,795     19,987     3,12%     -6.38%     4,867     4,036     -4.68%       tenod     15,034     20,326     15,047     3.02%     -7.52%     3,835     3,016     -6.07%       tenod     15,034     20,326     15,047     3.02%     -7.52%     3,835     3,016     -6.07%       tenod     15,034     20,326     15,047     3.02%     -7.52%     3,835     3,016     -6.07%       tenod     15,034     20,326     15,047     3.02%     -7.52%     3,835     3,016     -6.07%       tenod     5,504     5,50     4,550     4,528     -5.41%     1,066     887     -4.60%       tenod     2,417     1,528     2,53%     -18.30%     599     300     -17.31%       tenod     1,948     1,192     1,46%     -12.28%     368     -7.90%       tenod     2,53%     -146%     2,56%     -12.28%     -555     -7.78%       tenod     2,64     2,948     2,95%     -12.28%     -555     -7.78%       tenod     2,64     2,948     2,95% <td< td=""><td>Affocted</td><td>8,734 100</td><td></td><td></td><td>2 20%</td><td>48 45%</td><td>1.075</td><td>220</td><td>-39.65%</td><td>3.7</td></td<>	Affocted	8,734 100			2 20%	48 45%	1.075	220	-39.65%	3.7
terrod     18,883     25,795     19,987     3.12%     -6.38%     4,867     4,036     -4.68%       terrod     15,034     20,326     15,047     3.02%     -7.52%     3,835     3,016     -6.01%       Subcub (Pob.)     2,178     2,611     2,119     1,81%     -5.22%     493     416     -4.23%       Subcub (Pob.)     3,594     5,650     4,550     4,52%     -5,41%     1.066     887     -4.60%       Sutcut 1st     2,177     1,528     2,53%     -18.30%     599     300     -17.31%       Sutcut 2nd     1,948     1,192     1,46%     -12.28%     368     -7.90%       Sto. Domingo 1st     2,834     4,016     2,740     3.49%     -9.56%     758     555     -7.78%       Sto. Domingo 2nd     2,918     2,51%     -0.05%     552     550     -1.68%	Banaba San Nicolas (Pob.)	4,030,4	5,459	5,780	3.09%	1.25%	1,038	1,140	2.35%	5,0
tenod       7.52%       3.835       3.016       -6.01%         Lubcub (Pob.)       7.50%       2.178       2.611       2.119       1.81%       -5.22%       493       416       -4.23%         Lubcub (Pob.)       2.178       2.611       2.119       1.81%       -5.22%       493       416       -4.23%         Lutcut 1st       3.594       5.650       4.550       4.550       4.52%       -5.41%       1.066       887       -4.60%         Lutcut 1st       2.468       3.177       1.528       2.53%       -18.30%       599       300       -17.31%         Lot cut 2nd       2.468       1.192       1.46%       -12.28%       368       -7.90%         Rto. Domingo 1st       2.834       4.016       2.740       3.49%       -0.05%       555       -7.78%         2.756       2.918       2.51%       -0.05%       555       -7.78%         2.778       2.918       2.51%       -0.05%       555       -7.78%         2.758       2.51%       -0.05%       555       -7.78%		60 00 00	25 795	19 987	3.12%	-6.38%	4,867	4,036	4.68%	4.95
(Pob.)     15,034     20,326     15,047     3.02%     -7.52%     3,835     3,016     -6.07%       1st     2,178     2,611     2,119     1.81%     -5.22%     493     416     -4.23%       1st     3,594     5,650     4,550     4,52%     -5.41%     1.066     887     -4.60%       2nd     2,468     3,177     1,528     2.53%     -18.30%     599     300     -17.31%       2nd     1,684     1,948     1,192     1.46%     -12.28%     368     268     -7.90%       amingo 1st     2,834     4,016     2,740     3.49%     -9.56%     758     555     -7.78%       amingo 2nd     2,740     3.49%     -9.56%     758     555     -7.78%	Capas	200'01								
(Pob.)       2,178       2,611       2,119       1.81%       -5.22%       493       416       -4.23%         1st       3,594       5,650       4,550       4,550       -5.41%       1.066       887       -4.60%         2nd       2,468       3,177       1,528       2.53%       -18.30%       599       300       -17.31%         2nd       1,948       1,192       1.46%       -12.28%       368       -7.90%         mingo 1st       2,834       4,016       2,740       3.49%       -9.56%       758       555       -7.78%         2076       2,740       2,51%       -0.05%       555       -7.78%       -7.78%	Threatened	15 034	20.326	15,047	3.02%	-7.52%	3,835	3,016	-6.01%	4,99
Conversion     5,630     4,550     4,550     4,550     4,52%     5,41%     1,066     887     -4,60%       ut 1st     2,468     3,177     1,528     2,53%     -18.30%     599     300     -17.31%       ut 2nd     1,684     1,948     1,192     1.46%     -12.28%     368     -7.90%       Domingo 1st     2,834     4,016     2,740     3.49%     -9.56%     758     555     -7.78%       Domingo 2nd     2,756     2,618     2,740     3.49%     -9.56%     758     555     -7.78%		0.178	2 611	2,119	1.81%	-5.22%	493	416	-4.23%	5.0
ut 2nd ut 2nd Domingo 1st 2,468 3,177 1,528 2,53% -18.30% 599 300 -17.31% Domingo 1st 1,684 1,948 1,192 1,46% -12.28% 368 268 -7.90% Domingo 2nd 2,834 4,016 2,740 3,49% -9.56% 758 555 -7.78% Domingo 2nd 2,55% -0.05% 552 590 1.68%		202 5	5,650	4,550	4.52%	-5.41%	1.066	887	4.60%	5.13
Domingo 1st 1,684 1,948 1,192 1,46% -12,28% 368 268 -7,90% Domingo 1st 2,834 4,016 2,740 3,49% -9,56% 758 555 -7,78% Domingo 2nd 2,778 2,51% -0,05% 552 590 1,68%		2.00,0	3 177	1 528	2.53%	-18.30%	599	300	-17.31%	5.0
Domingo 1st 2,834 4,016 2,740 3,49% -9.56% 758 555 -7.78% 2,000 2nd 2,274 2,51% -0.05% 552 590 1.68%		2004'7 7	1 048	1 192	1.46%	-12.28%	368	268	-7.90%	4,45
2000mingo zna 2,274 2,318 2,51% -0.05% 552 590 1.68%			4 016	2 740	3.49%	-9.56%	758	555	-7.78%	4.94
	sto. nomingo zna				2 51%	-0.05%	552	590	1.68%	5,4 2

				Annual Growth	owth			c	Average H'Hold
Province/Municipality/	1980	Population 1990	іоп 1994	Rate 80-90	90-94	Households 1990 1	holds 1994	Rate 90-94	Size 1994
<u> </u>				2 K7%	~ 93%	827	820	-0.22%	4.39
Affected	3,357	7 4,385	3,600	2.67%	4.93%	827	820	-0.22%	4.39
Aranguren				.		100		2020	6 T.0
Unaffected	492		1,340	7.90%	5.30%	607 900			6 70 6 70
Marugiu	492			1.90%	<b>3</b> , 3U%	C/17	2024		
Concepcion	76,446	te 97,776	100,545	2.46%	0.70%	18,448	18,900	0.60%	5.32
• • •			52 225	2.51%	-2.77%	11,009	10,060	-2.25%	5.19
Threatened	40,410	10 00'00 20'00		2.54%	-3.46%	430	365	-4.08%	5.43
Cafe	997			2.77%	-10.22%	287	204	-8.57%	4,0
Corazon de Jesus				3.09%	-2.96%	473	399	-4.27%	5.59
Culatingan	5			3.51%	-1.44%	135	130	-0.86%	5.18
	5 F F	¢.		3.01%	13.91%	290	512	14.19%	5.24
Jetmin (Uutung-A-watas)	1 40			2.08%	-0.54%	326	364	2.75%	4.65
Mapilog	834			1.86%	-0.38%	189	182	-1.00%	5.43
	Ъ.			2.09%	-1.66%	217	222	0.53%	4. r
	5.0			2.14%	2.53%	825	942	3.31%	4 (C) () ()
	6.5			1.50%	-4.87%	1,432	1, 195		27.0
	3.75			0.24%	-8.25%	734	169	-0.42%	0-4 0-6
	1.2(		3 1,808	3.34%	0.59%	333	356	1.65%	80 0 0
	2.428	28 3,309		3.10%	-1.56%	624	547	-3.31%	5.58 2.58
Sta CIUZ Sta Maria	ī			2.91%	-3.38%	122	119	-0.72%	4.76
Sta Monica	3.366	66 4,231		2.29%	-1.53%	798	141	-1.65%	
	1.7			.5.41%	4.43%	568	494	-3.50%	5. I
Old. AUsa Sections	2.471		3 2,482	2.31%	-5.66%	587	459	-6.15%	5.41
Contractor (Manuation)	ō			3.37%	-1.69%	239	236	-0.36%	5.03
VO. KOSOTO (MAGUTUTE)	ŏ			1.15%	2.54%	210	223	1.52%	5.52
	1 705	•		2.25%	-21.65%	424	174	-22.29%	5.44
letabanca				2.67%	-1.05%	564	559	-0.22%	5.13
Sugurt	A 275		940	1.15%	4.81%	894	763	-3.97%	5,12
Alfonso			•		-3,60%	304	277	-2.32%	5,04
Green Village								:	
1 Horton	24.011	11 30,096		2.26%	4.27%	5,678	6,480	3.30%	
Balitic	2.468			1, 76%	9,94%	555	200	5.79%	
	ι Έ			2.57%	9.46%	171	240	8.54%	5.50
	1 508		5 2.180	3.57%	0.29%	407	420	0.81%	
								1 140/	

11 - 8

8

...

. .

0

0

-

Province/Municipality/       Population         Barangay       1980       1990         Barangay       1710       2,431         Magao       979       1,463         Malupa       3,166       3,550         Malupa       3,166       3,550         Malupa       3,166       3,550         Malupa       3,166       3,550         Minane       3,166       3,550         Panalicsican       1,207       1,463         San Bartolome       1,207       1,463         San Bartolome       1,207       1,594         San Martin       1,207       1,680         San Nicolas Balas       1,207       2,046         Sta, Rita       1,220       3,330         San Vicente       7,03       1,049         Caluluan       1,194       1,546         Pando       1,194       1,546         Sto. Cristo       2,033       3,206         Sto. Cristo       1,99       1,986         Sto. Cristo       1,909       1,986										Annual	Average
1980 1.710 979 3.166 1.559 1.559 1.559 1.559 7.020 1.109 1.109 1.109 1.109 1.109 1.109				· •		Annual Growth	owth			Growth	PioH'H
1,700 1,559 1,559 1,559 1,559 1,559 1,559 1,559 1,593 1,593 1,194 1,109 1,109 1,109 1,109 1,202	Municipality/			Population		Rate	90 09	Households	holds 1994	Rate 90-94	Size 1994
o 1,710 1,710 1,559 1,559 1,559 1,559 1,207 1,559 1,207 1,559 1,207 1,120	-		- 1	1990	1994	96-98	*0-00	200			
rican ican prio prio prio colome ro (Almendras) i 848 1,207 1,207 1,207 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,105 1,105 1,100			012 1		2 740	3.52%	2.99%	459	460	0.07%	5.96
ican ican prio prio tolome to vo (Almendras) vias Balas vias vias vias vias vias vias vias vias					1 460	4 02%	-0.05%	276	280	0.36%	5.21
ican ican 5166 819 819 819 1.559 1.559 1.559 1.207 1.207 1.207 1.848 1.880 1.880 1.680 1.680 1.680 1.703 1.194 1.194 n (Castro) 1.409 1.409 1.409 1.409 1.409 1.409 1.409 1.409 1.409 1.409 1.409 1.409 1.409 1.409 1.409 1.400 1.200 1.1000 1.10000 1.10000 1.10000 1.10000 1.100000000	5		R/R			1 140%	5 48%	670	720	1.81%	6.14
ican prio prio (Almendras) to Mas Balas blas Balas to (Castro) to	16		3,166			20 0 0 0 V	8 18%	169	240	8.82%	5.17
onio tolome (Almendras) tin 0ias Balas olas Balas ante n (Castro) n (Castro) t (409 1,409 to (Castro) t (409 to (Castro) t (409 to (Castro) t (200 t (400 t (200 t (200)t (200 t (200)t	licsican		919		- 440		12 14%	377	520	8.04%	6.50
tolome 1,207 ro (Almendras) 1,848 tin 1,680 blas Balas 4,172 ente 7,020 n (Castro) 1,409 n (Castro) 1,409 sto 7,737	Antonio		1,559		5,55U	2.00%	5 55%	308	360	3.38%	5.67
ro (Almendras) 1.848 tin 934 olas Balas 1.680 a 1.1680 a 1.172 ante 7.03 a 1.194 n (Castro) 1.409 sto 7.737 sto 7.737	Sartolome		1.207		7.040	8.00°		204	480	4 33%	5.33
tin tin 1,680 1,172 ente 7,03 7,03 1,194 1,194 1,194 1,194 1,109 1,109 1,209 1,209 1,209 1,209 1,209 1,209 1,200 1,172 1,200 1,200 1,172 1,200 1,172 1	cidro (Almendras)		1,848		2,560	1.45%	0/D1.7				
tin bias Balas ente 7,03 7,03 7,03 7,03 1,194 1,194 in (Castro) 1,409 1,409 1,409 1,337 510			020		1.000	2.67%	4.87%	230	740		
olas Balas (172 ante 703 n (Castro) (194 n (Castro) (194 sto	Varin				2 860	1.97%	8,37%	386	480	5.45%	5.96
a 1/2 ente 703 703 703 7,020 1,409 1,409 1,409 1,409 1,37 510	Vicolas Balas		000.1			1 58%	4 50%	922	960	1.02%	4.25
ente 703 7, <i>020</i> 1,194 1,194 1,409 Sto 737	Rita		2/1.5				7067 2	00	240	2 82%	5.58
n 2,393 1,194 1,409 1,409 1,37 510	Vicente		703		1,340	4.00%	0, 1270	0.21			
n 2,393 1,194 1,409 1,409 1,37 537			000		47 620	2.84%	7.55%	1.760	2,360	7.33%	5.35
2.393 1.194 1.194 1.409 to	۲. ر	•	120,1		2 050	2 97%	4.64%	605	720	4.35%	5.36
1, 194 an (Costro) 1,409 isto 737	luan		0 A 0 A 0	-	0,000 0,000 0,000	2 58%	9.71%	292	440	10.28%	5.18
1,405					2000 ×	3 43%	19 43%	375	720	16.33%	6.00
101	Juan (Castro)		504 F			1 76%	3.22%	166	240	9.24%	4.17
	Cristo		101		1,160	2.86%	-9.75%	323	240	-7.44%	4,83
	nunduc san Miguel										

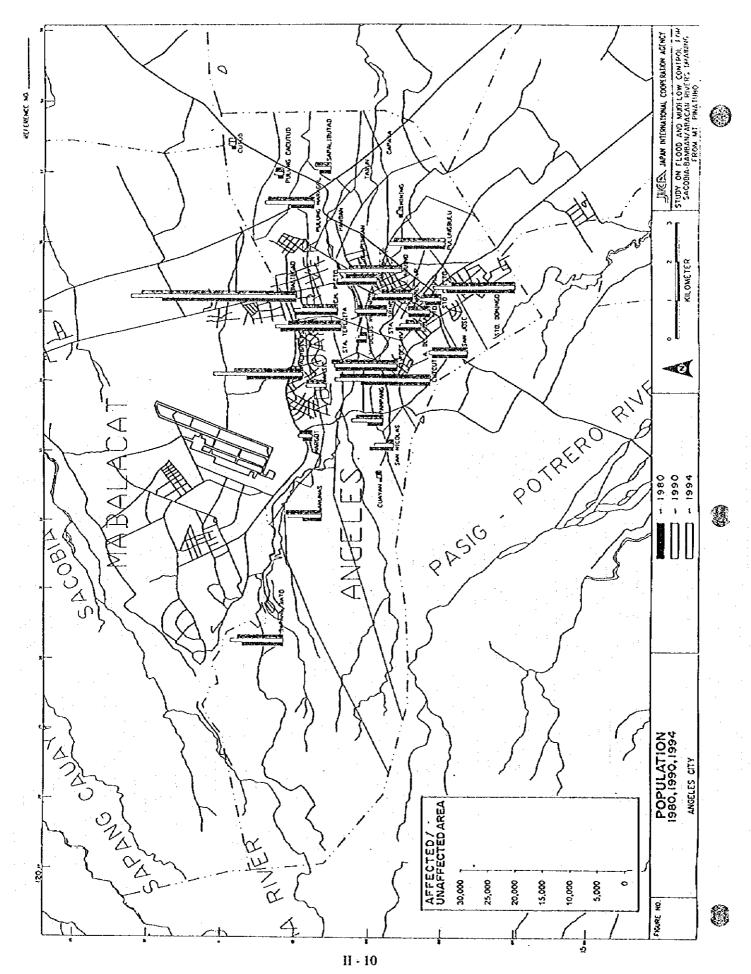
eholds and Average Household Size 1980, 190, 1994 (9/9)

۲

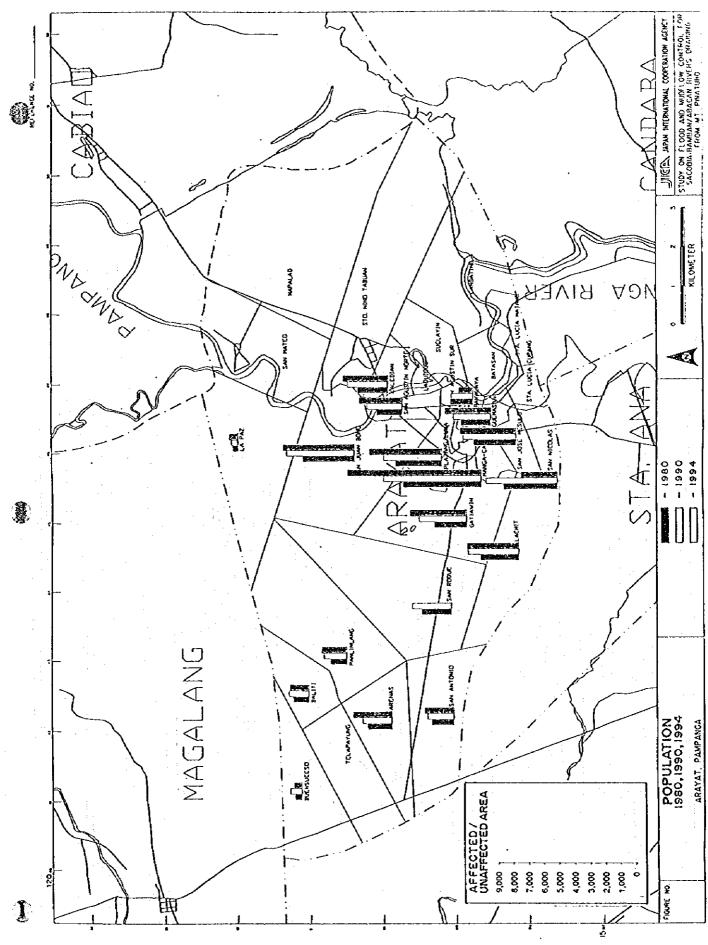
J

11 - 9

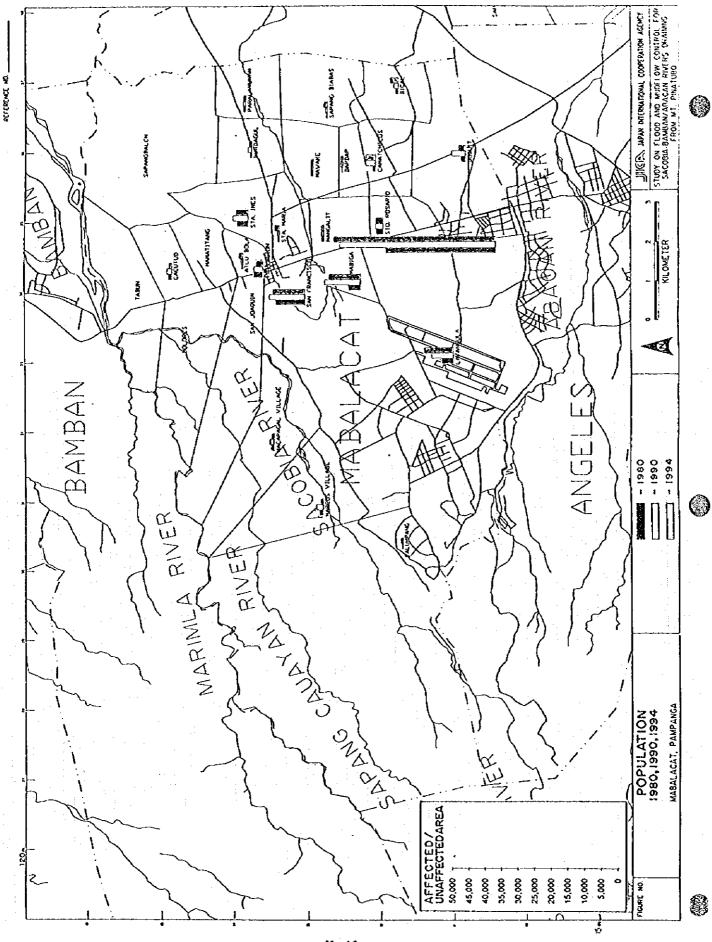
and the second second



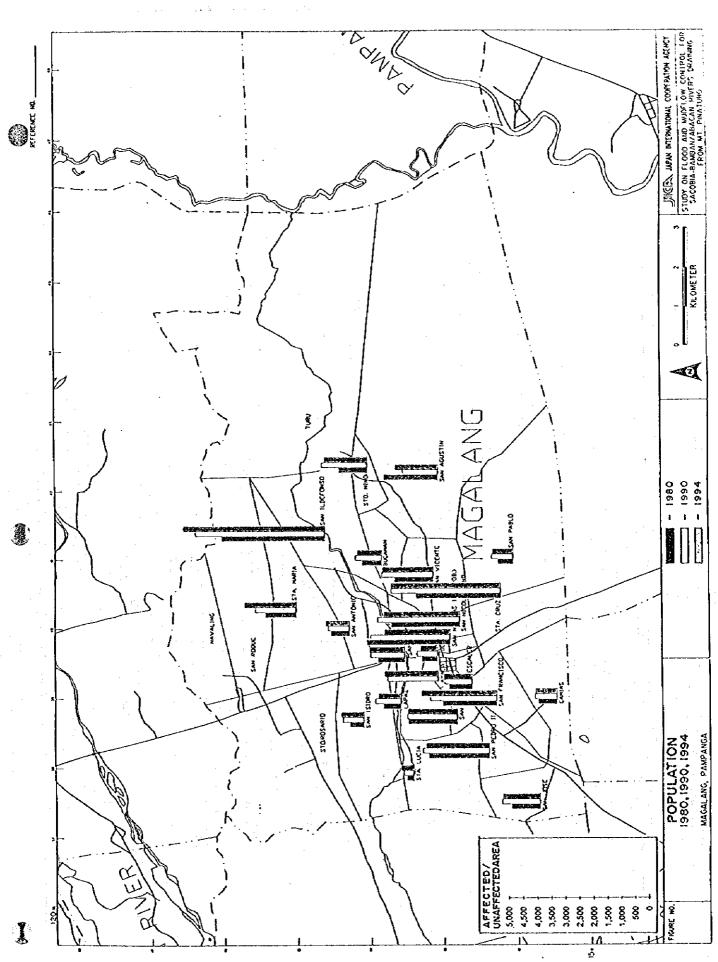
and the second second





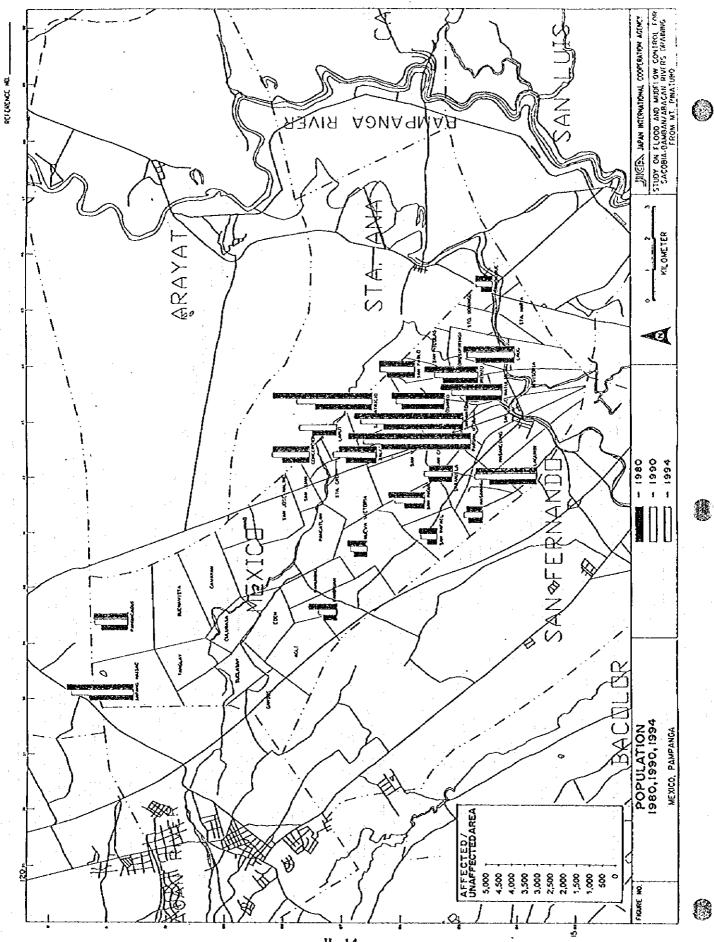


II - 12

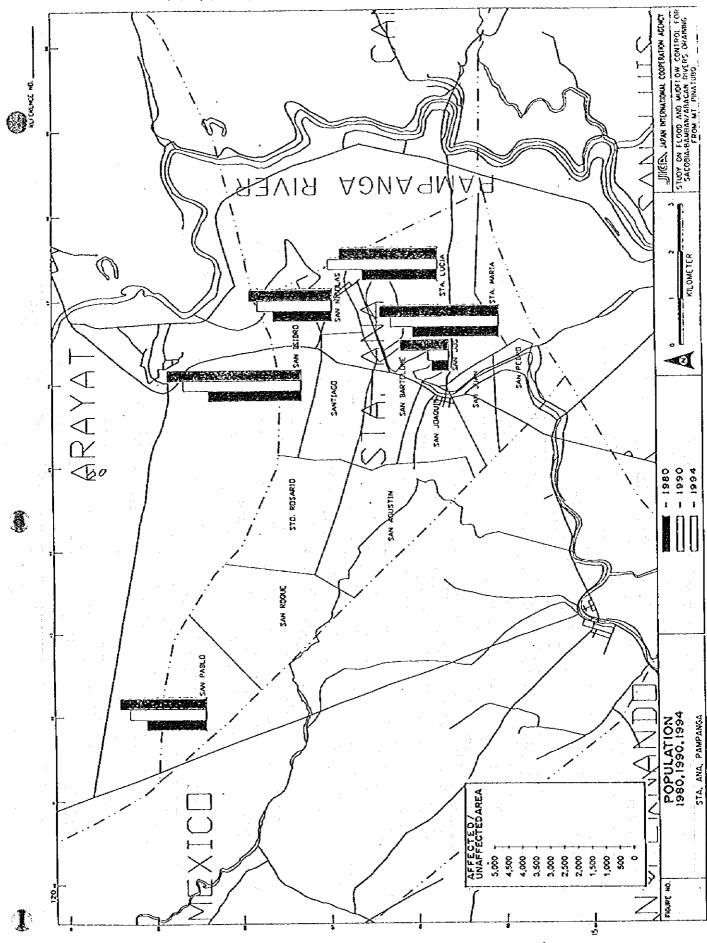


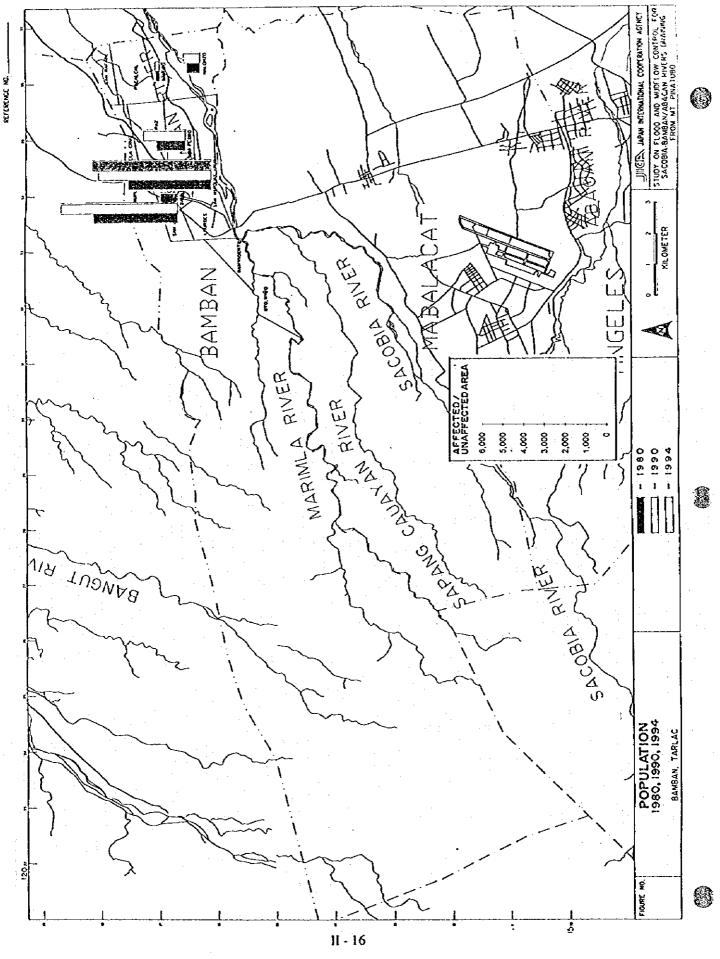
+ 11 - 13

and the second sec

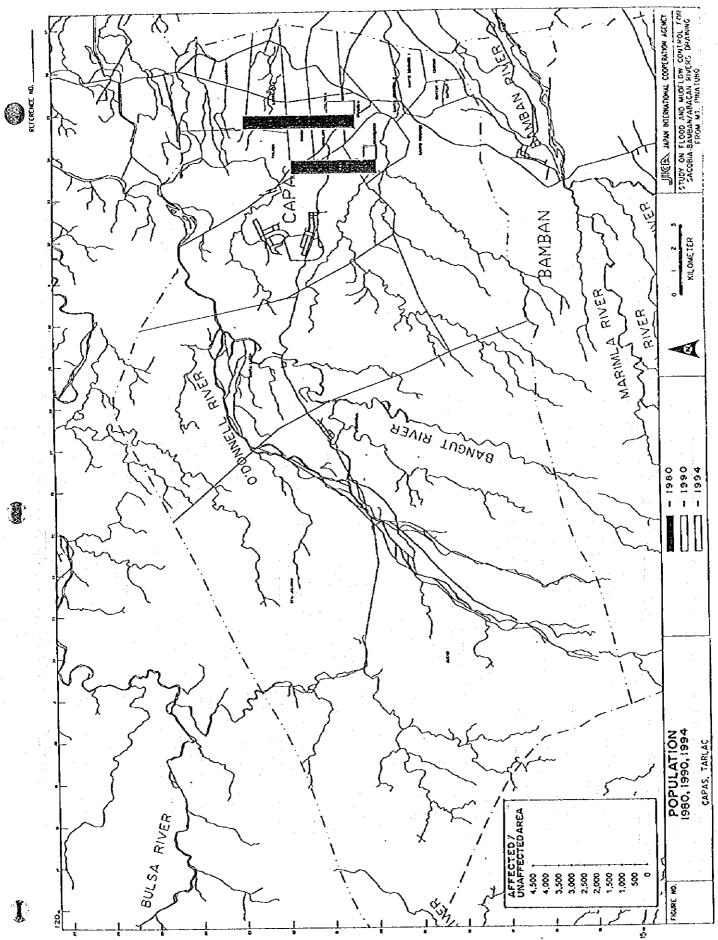


en grup de la service de la companya de la service de l



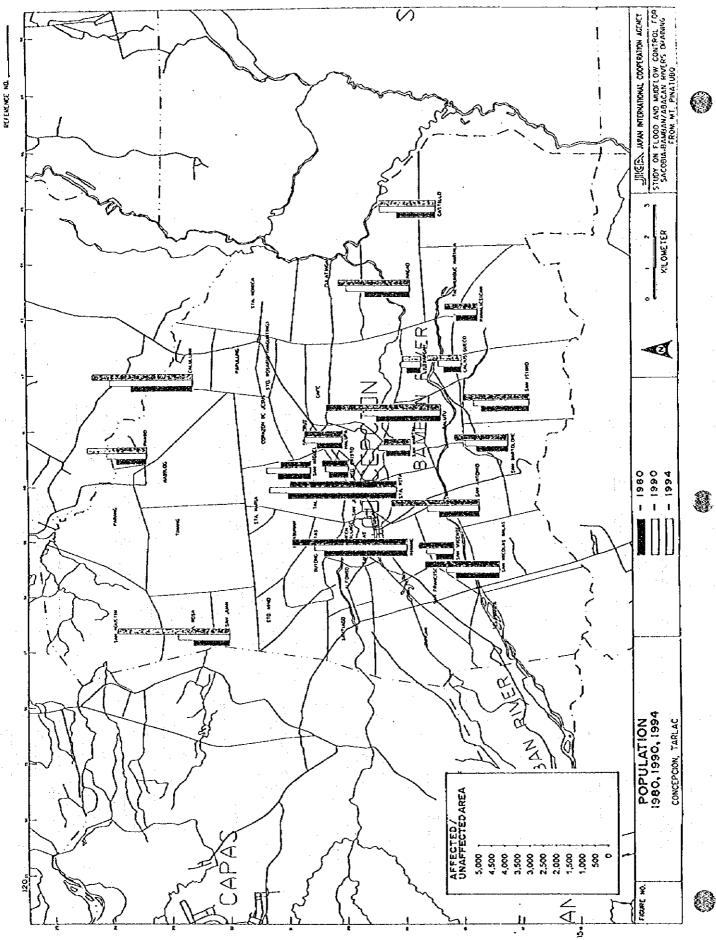


• • •

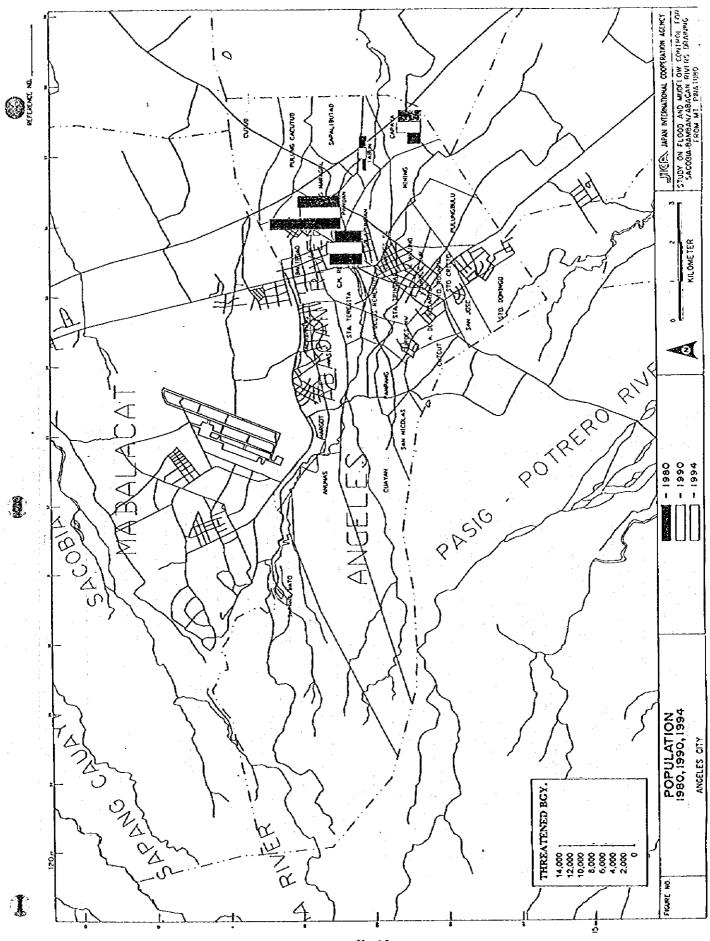


74 - <u>2</u>-1

an an an Anna an Anna Anna an Anna an Anna

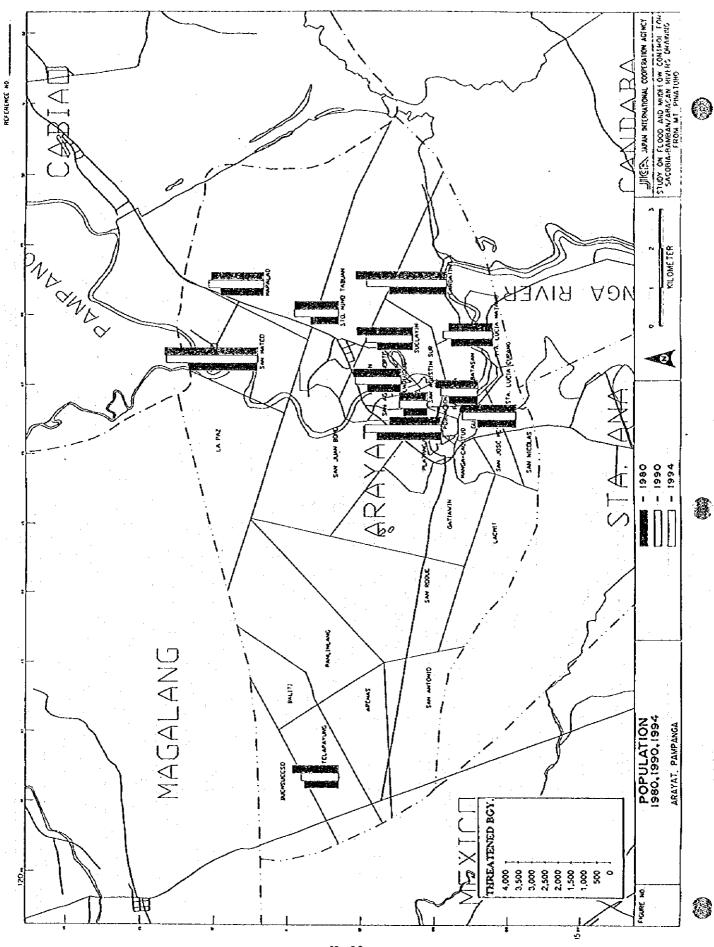


11 - 18

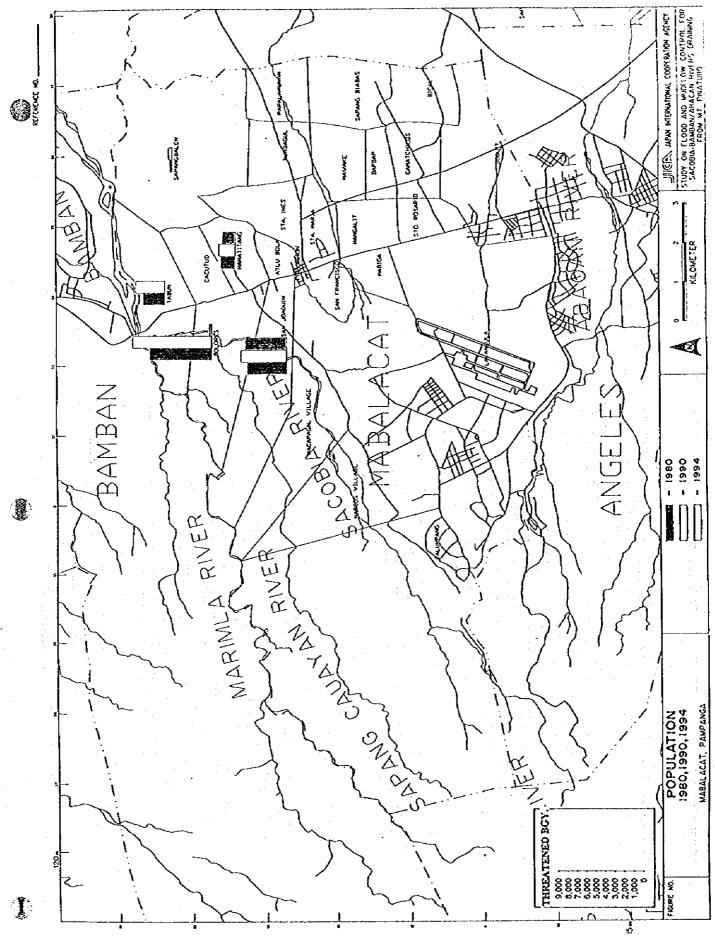




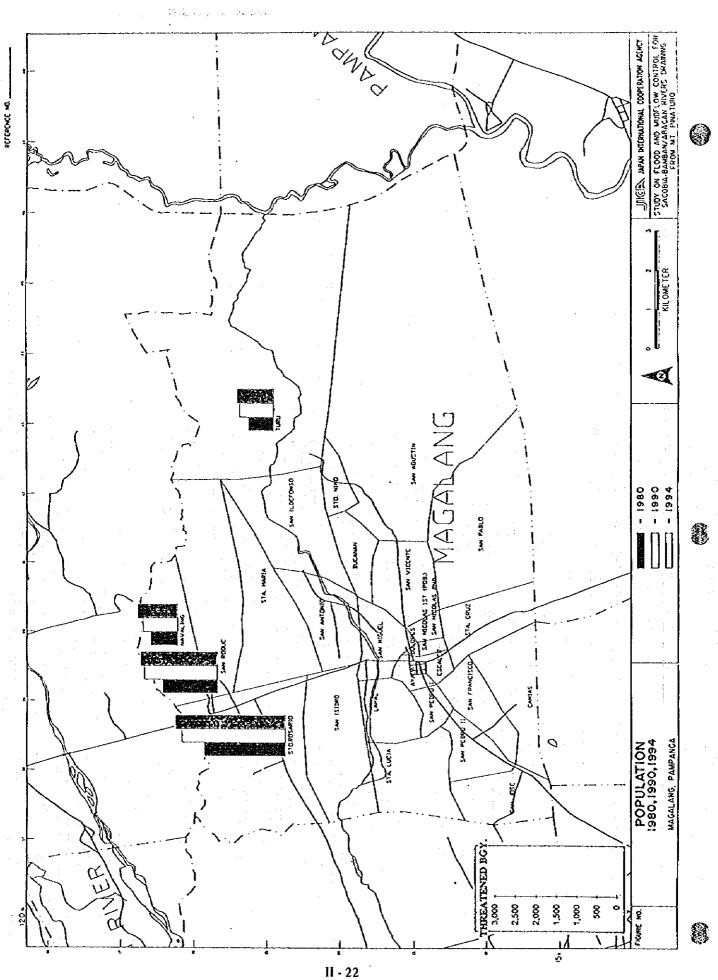
وتحجر الجاجة المتعالمية ميهروني الراجل الروحان



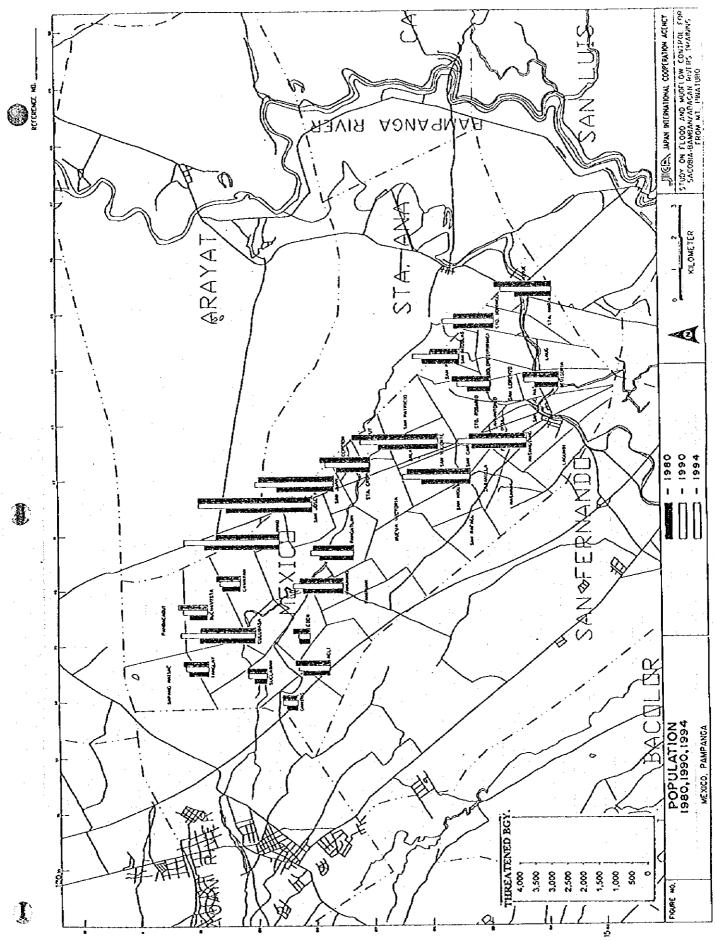
and the second second

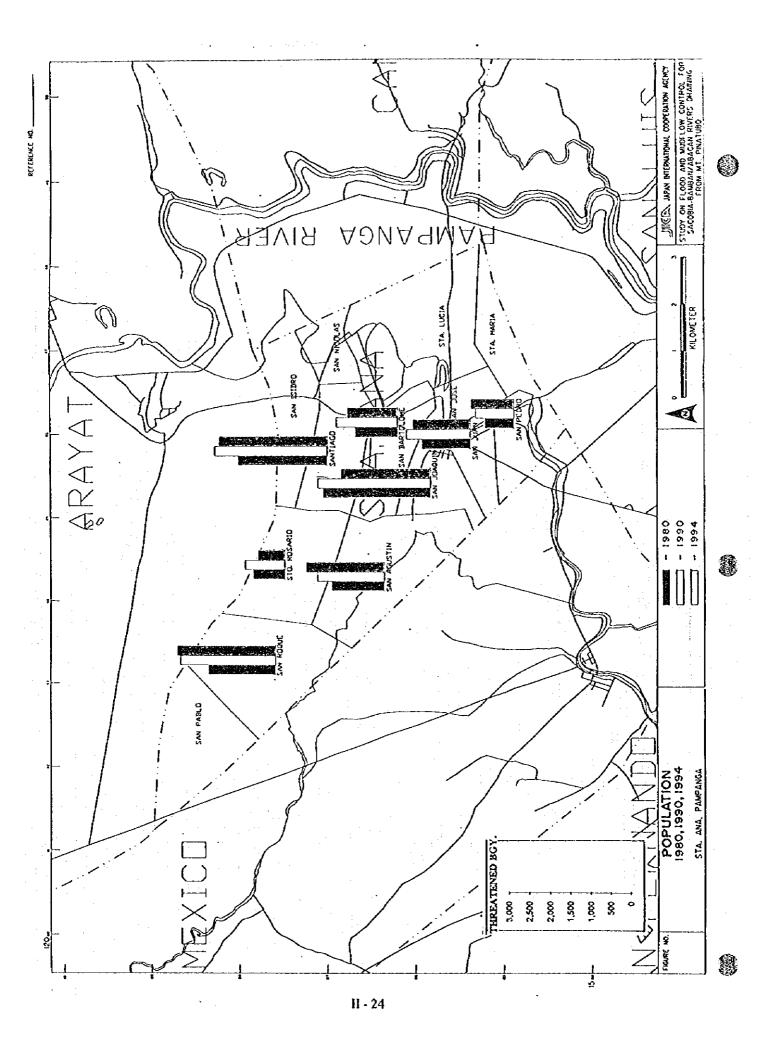


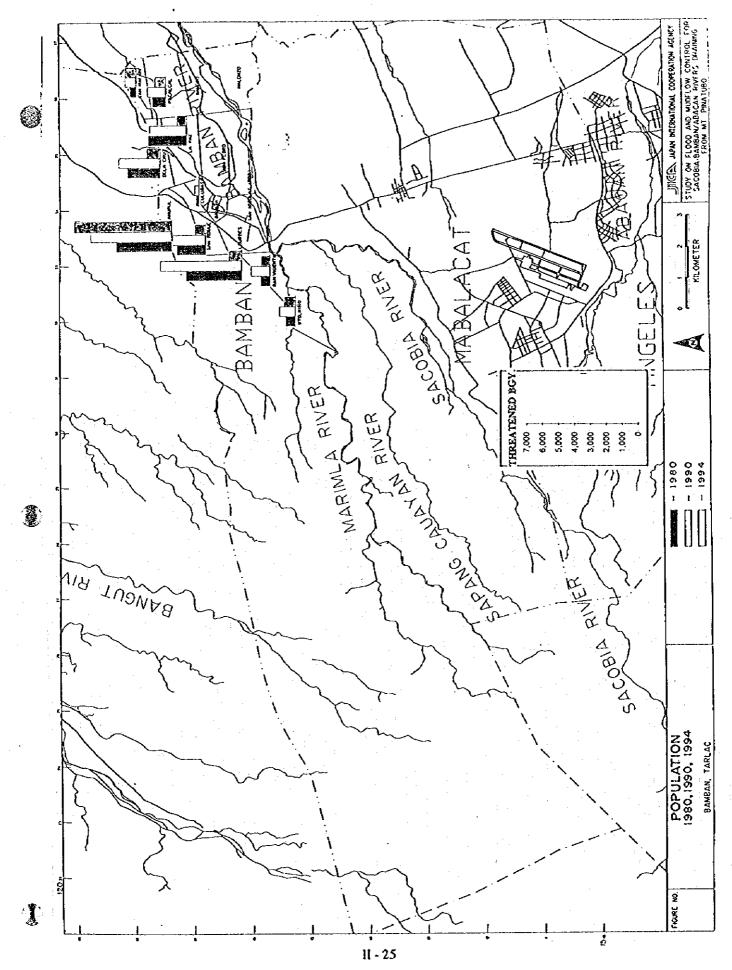
11 - 21

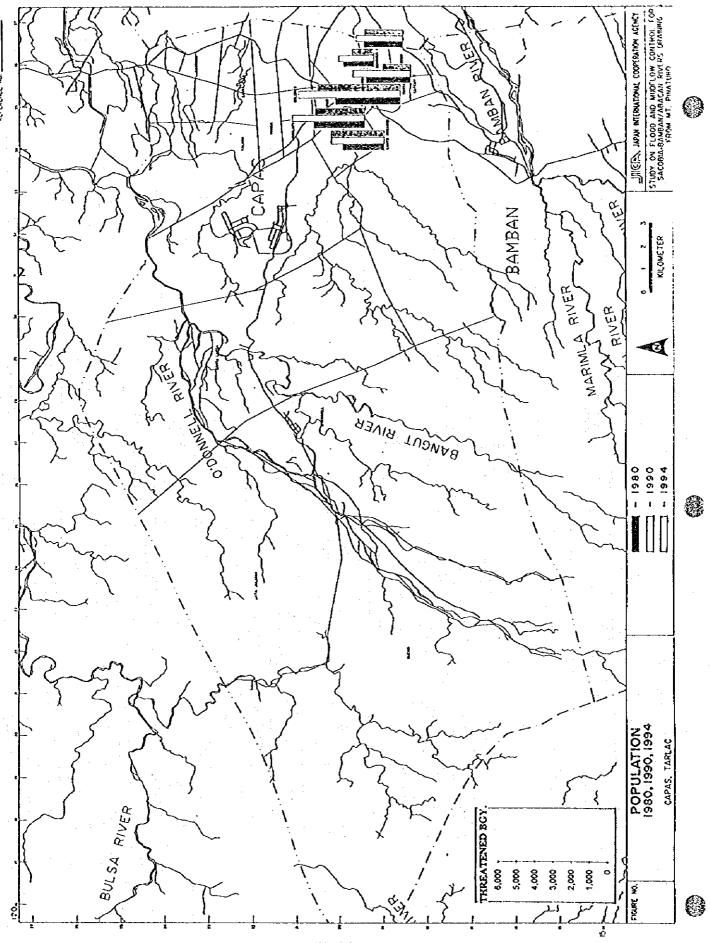


(1,1,1) , (1,2,1) , (1,1,2) , and (1,2,1) , (2,1,2) , and (1,2,2) , (2,1,2)



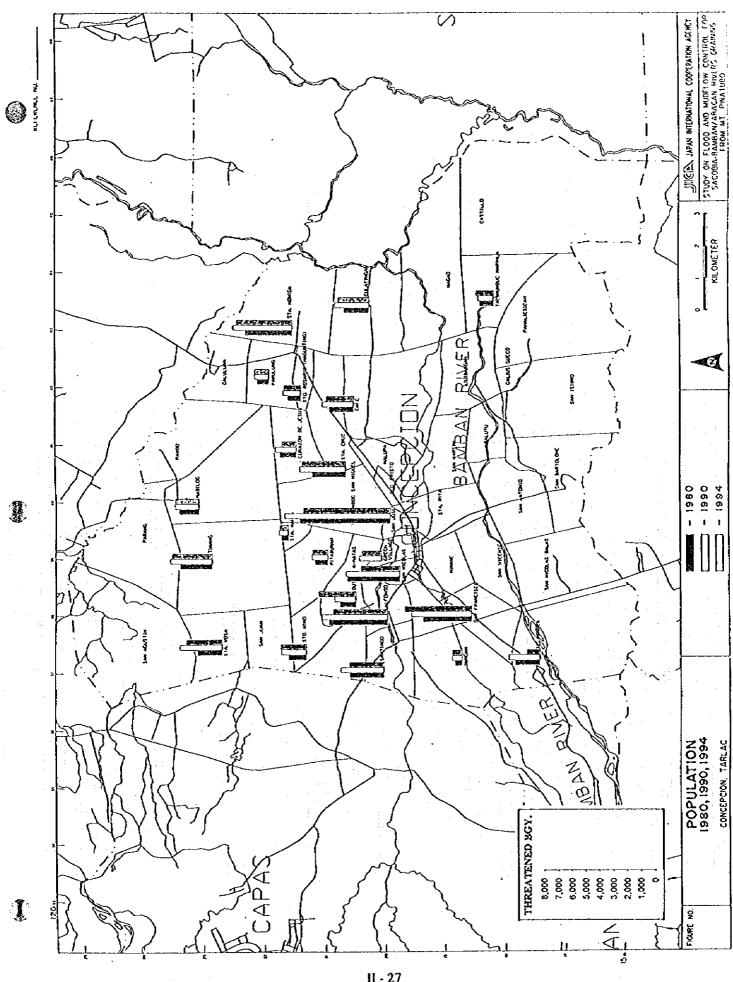






31 - 26

REFERENCE NO.



Population as of August 1994 (1/5)

÷

	Threatened Barangays (Total Enumeration)	ngays (Tc	otal Enume	ration)	Affected (Est. Total Based on 5% Sample Size)	al Based on 5%	Sample Size)	Unattected (Est. Total Based on 5% Sample Size) No of	i cased on o'x can No of	impie aize)
Clty/ Municipality	Barangay		No of H'Holds	Population	Barangay	sbioH'H	Population	Barangay	H'Holds	Population
						•		•		
			U#0	200 8	Ameir	720	3,580	Agapito Del Rosario	760	2,840
Angeles	Capaya				Aninas	1 100	6.180	Balibago	5,600	27,880
	Pancan	•	0861	100.1		002	1,080	Cutud	240	1,300
	Salapungan		00 10 10 10 10 10 10 10 10 10 10 10 10 1	1, 16.6 1	Cuayer Clars M Berto	1 220	6.220	Lourdes North West	2.620	11,980
	abun .		007	- +0.		3 260	16.540	Lourdes Sur	1,240	5,800
					Marcot	460	2.220	Lourdes Sur East	1,200	5,660
					Puluno Maragul	1,660	8,120	Malabanias	2,620	12,140
	•			. •	San Nicolas	380	1,420	Mining	200	780
	•				Sanalihidad	540	2,900	Pampang	1,080	4.920
					Santa Trinidad	1,100	5,460	Pulungbulu	2,000	9,300
								Pulung Cacutud	320	1.440
								San Jose	1,300	6.420
					-			Santa Teresita	2,200	9,360
								Santo Cristo	720	3,140
								Santo Dominco	2,660	11,560
			1					Santo Rosario (Pob.)	820	4,000
								Sapangbato	1,780	8,200
	-							Virgen Delos Remedio	300	1,260
					·	•		Ninoy Aquino (Mariso	2,200	9,700
Sub Total		<b>(</b> च	3,661	18,550		(10) 10,640	53,720	•	(19) 29,860	137,680
			Noc	1 613	euou			Arenas	400	2,520
Arayat	batasan Condition		107 701	0 C C V C			•	Baliti	240	1,220
	Candaung		040	197.1	•	•		Buensuceso	100	520
	Laquious	•	0 h 0 h 0 h		· ·			Gatiawin	580	3,700
	Mapalad	-						Guemasan	580	3,020
	Poplacion			070				La Paz (Turu)	100	580
	Son Aguson our		6 15	3 550	•			Lacmit	620	. 3,440
	Santa Lincia Cunand	200	386	2,165				Manga-Cacutud	1,780	8,840
	Santa Lucia Matamo	200	- 	1.698				Panlintang	280	1,620
	Santo Niño Tabuao	ç	310	1,689	-			Paralaya	220	920

The 1994 population and households of affected and unaffected barangays were estimated based on 5% sampling survey of households. NOTE

Threatened barangays refer to barangays listed as "*affected barangays*" in tender document. Affected barangays refer to barangays listed by PHILVOLCS as affected by 1991-1993 pyroclastic flow, lahar deposits, and lahar dammed lake/ponded water. These were originally listed as "unaffected barangays" in tender documents. Unaffected barangays refer to barangays listed as "unaffected as "unaffected barangays" in tender documents.

II - 28

Ø

 $\bigcirc$ 

(2/5)
1994
August
of
as
ation
Populs
200

্যু

•

0

Municipality 8 S		Intellened Datargays (Total Intellention)	Poeniotion	Allected (Est. 1000 based of No of Raranaav H'Holds Population	No of H'Holds	Population	Barangay H'Holds Populat	No of H'Holds	Population
σř	Carangay			(		,			
÷ م		222	1041				Plazang-Luma	780	4,760
<u> </u>	ouciayin	300	1 787				San Agustin Norte	440	2,860
	I elapayung	070					San Antonio	340	1,900
			•				San Jose Mesulo	660	3,720
							San Juan Bano	840	4,660
							San Nicolas	480	2,340
	•		• .				San Roque (Bitas)	480	3,220
			· · ·				Kaledian (Camba)	500	2,920
Jeee F		2) 4 45B	24.720	• .			•	(18) 9.420	52.760
SUD I OTAL									1 060
Mahalarat D	Dotores	49	256	Cacutud	200	840	Anu Boia	100	
	Mamatitano	233	1,291	Calumpang	0	0	Bical	480	2,580
< (		Ş	4 402	Macapagal Villag	140	720	Bundagul	100	004
00			0	Marcos Village	100	500	Camatchiles	600	2,920
•••		• C	• C	Santa Ines	780	3,580	Dapdap	120	500
	aport -	>	•				Dau	10,360	48,940
							Duquit	420	1,940
				-			Lakandula	1,700	8,620
		•	•				Mabiga	1,940	9,580
	•		•				Mangalit	100	620
							Mawake	80	520
							Paralayunan	100	520
				•••			Poblacion	300	1,840
							San Francisco	2.020	9,280
			•				Conta Maria	280	1 420
								400	2,080
							Sapang Biabas	200	1,060
Sub Total		(5) 1.184	5,949		(5) 1.220	5,640		(17) 19,400	93.780
	· · ·	İ						077	760
onelege M	Navaling San Roque Santo Rosario Turu	163 321 488 40	985 1,879 2,690 896	ан 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Camias Dolores Escater La Paz San Agustin	240 240 240 240 240 240 240 240 240 240	200 200 200 200 200 200 200 200 200 200
							San Antonio San Francisco	440	2,640

. -

Lahar - covered, most residents moved to resettlement sites.

City/ Municipality	Threatened Barangays (Total Enumeration No of H'Holds Popu	T) sys	otal Enume No of H'Holds	eration) Population	Affected (Est. Barangay	Affected (Est. Total Based on 5% Sample Size) No of Barangay H'Holds Populatior	Sample Size) Population	Unaffected (Est. Total Based on 6% Sample Size) No of Barangay H"Holds Populat	al Based on No H'Hc	l on 6% Sami No of H'Holds I	pie Size) Population
								San Ildefonso	U)	820	5,000
								San isidro	4-	140	800
								San Jose	ιN	240	1,280
	-							San Miguel	••	220	1,240
				•				San Nicolas 1st (Pob	<b>رب</b>	540	2,300
								San Nicolas 2nd		540	2,660
				-		•		San Pablo (Pob.)	,-	140	700
				•				San Pedro I		320	1.720
											0000
				·				San Vicence			
			•					Santa Cruz (Pob.)	-	680	3,860
		•						Santa Lucia		8	440
								Santa Maria	• 1	260	1.800
			,							200	1 531
											020
								Bucanan		2	ĝ :
								Ayala		340	1,880
Sub Total	· .	<u>क</u>	1 1.112	6,450					(24) 6.5	6,980	38,140
				000		900E	1 420	l anındi		480	2.340
Mexico	Acli								•	340	1 980
	Anao		355	7/61	Concepcion						59 59
	Buenavista		137	911	Laput	<b>D</b> .	2	Masamat			
	Camuning		220	1,374	San Antonio	740	4,160	Nueva Victoria		071	0
	Cawavan		150	243	San Jose Matulid	id 360	2,380	Pandacaqui	•	260	1,320
	and the second sec		280	1 693	San Lorenzo	320	2,080	Panipuan		180	1,100
	Divisoria		101	1 175	San Pablo	240	1.360	Parian (Pob.)	~	820	4,680
			104	666 1	San Patricio	660	3,800	Sabanilla	- •	200	006
			ç d	075	Santo Bosario	400	2 020	San Miguel	. •	240	1,380
	uap_	-						San Balae		120	700
	Gandus		3						•		660
	Masangsang		338	1,797					·		000 097 c
	Pangatlan		201	1,281	-			Sapang Maisac		204	
	San Carlos		400	1,974							
	San Jose Malino		585	3,532	:						
	San Juan		458	2,351						•	
	San Nicolas		167	926		-					
	San Vicente		425.	2,677							
	Santa Cruz		274	1,569							

;

••

Population as of August 1994 (3/S)

-- No survey allowed by Barangay Captain because they wanted a 100% survey in August. This barangay was originally identified as unaffected in the tender document.

Ŵ

II • 30

8

--

٢

PopulationBarangayH'Holds13.62023.0303.43013.620San Isidro800San IsidroSan Isidro <th></th> <th>Threatened Barangays (Total Enumeration)</th> <th>s (Tota</th> <th>al Enume</th> <th>sration)</th> <th>Affected (Est. Total Based on 5% Sample Size) No of</th> <th>otal Ba:</th> <th>sed on 5% No of</th> <th>Sample Size)</th> <th>Unaffected (Est. 1</th> <th>Unaffected (Est. Total Based on 6% Sample Size) No of</th> <th>mpie Síze)</th>		Threatened Barangays (Total Enumeration)	s (Tota	al Enume	sration)	Affected (Est. Total Based on 5% Sample Size) No of	otal Ba:	sed on 5% No of	Sample Size)	Unaffected (Est. 1	Unaffected (Est. Total Based on 6% Sample Size) No of	mpie Síze)
Santo Domingo         25 suciaban         1 23 suciaban         2 23 suciaban         1 23 suciaban         2 23 suciaban         2 33 suciaban         2 30 suciaban         2 30 sucia	City/ Aunicipality			No or H'Holds	Population	Barangay		spioh.H	Population	Barangay	spioH.H	Population
(22)         5.585         31.667         (3)         3.300         (3.620         1.3         3.600         1.3         3.600         1.3         3.600         1.3         3.600         1.3         3.600         1.3         3.600         1.3         3.600         1.3         3.600         1.3         3.600         1.3         3.600         <		Santo Domingo Suclaban Tanglay (Tangle)		255 102 140								
San Agustin         339         1,331         none         San Sidra         800         800           San Jarduni (rob)         224         1,242         580         330         1,316         800         300           San Jarduni (rob)         259         1,408         580 Micolas         580         300         580 Micolas         580         300         580         380         300         580         380         300         580         380         380         380         380         380         380         380         380         380         380         380         380         380         380         380         380         380         380         380 <td>ub Total</td> <td></td> <td>[22]</td> <td>5.585</td> <td>31,697</td> <td></td> <td>6</td> <td>3,300</td> <td>18,620</td> <td></td> <td></td> <td>19,000</td>	ub Total		[22]	5.585	31,697		6	3,300	18,620			19,000
San Juan 259 1404 San Juan 259 1404 San Juan 259 1404 San Juan 259 1404 San Juan 260 1707 San Reduce 333 2,412 San Reduce 333 2,412 San Reduce 333 2,412 San Reduce 333 2,412 San Reduce 13 264 San Reduce 13 265 San Reduce 12 20 820 none Culubasa 1,123 6,017 Banaba 220 820 none Culubasa 1,123 6,017 Banaba 220 820 none Culubasa 1,123 5,160 1,140 5,780 2,17 8 San Reduce 12 3 1,140 5,780 2,110 2,355 1,140 5,780 2,140 1,110 2,355 1,140 5,780 2,140 1,110 2,355 1,140 5,780 2,110 2,355 1,140 5,780 2,140 1,110 2,355 1,140 1,110 2,355 1,140 1,110 2,355 1,140 1,110 2,355 1,140 1,110 2,110 1,1	anta Ana	San Agustin San Bartolome San Joanuin (Fob )		339 224 368	1,931 1,242 2,198	none	• •			San Isidro San Jose San Nicolas	800 300 520 520	4,780 1,680 2,920
[8]         2.321         13.544         [6]         3.520         2           a Total         18.321         100.910         15.160         77.980         2           Anupul         1,233         6,017         Banaba         220         820         none           Anupul         1,233         6,017         Banaba         220         820         none         2           Culubssa         17         Bangcu*         0         0         1         20         9         2         2           Culubssa         173         6.017         Bangcu*         0         0         2		San Juan San Pedro San Roque Santiago Santiago	- -	259 393 471	1,404 1,047 2,412 2,647 663					San Pabio Santa Lucia Santa Maria	500 680 680	3,460
a Total 16.321 100-910 15.160 17.980 27.760 26 Anupul 1.239 6.017 Baneba 220 820 none Culubasa - 1.7 Bangcu 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ub Total		ଭ	2,327		:						20,120
Anupul         1,239         6,017         Banaba         220         820         none           Culubasa         3         17         Bangou         0	ampanga [	Total		18,327	100.910			15,160	77,980		72,760	361,480
(10)     2.355     11.408     (6)     1.360     6.600       Cubcub (Pob.)     416     2.119     Aranguren     820     3,600     Maruglu     200       Cuteut 1st     300     1,528     1,132     820     3,600     Maruglu     200       Sto. Domingo 1st     268     1,132	lamban	Anupul Culubasa • Culubasa • Deta Cruz La Paz Lourdes Lourdes Lourdes Rafael San Rafael San Vicente Santo Niño	acalcat	<b>v</b>	6,017 177 765 666 678 641 668 668	Banaba Bangcu * Maionzo * San Nicolas (Pob San Pedro *		220	820 0 5.780 0 0			
Cubcub (Pob.)         416         2,119         Aranguren         820         3,600         Maruglu         200           Cutcut 1st         687         4,550         4,550         200	sub Total		[10]	2,355	11,408		ତ୍ର	1,360	6,600			
	apas	Cubcub (Pob.) Cutcut 1st Cutcut 2nd Sto. Domingo 1st	· · · ·	416 887 300 268	2,119 4,550 1,528 1,192	Aranguren		820	3,600		500	1.340

ł

-

Population as of August 1994 (4/5)

Ø

9

Lahar - covered barangays most residents moved to resettlement sites.

Sto. Domingo 2nd         555         2,740         550         2,916         556         2,740         550         2,916         550         2,916         550         2,916         550         2,916         550         2,916         550         2,916         550         2,916         550         2,910         550         2,900         550         2,900         550         2,900         550         550         5700         4,380         570         4,380         570         4,380         550         5700         4,300         550         550         570         550 <t< th=""><th>City/ Municipality</th><th>Threatened Barangays (Total Enumeration) No of H'Holds Popul</th><th>ys (Total Enume No of H'Holds</th><th>sration) Population</th><th>Affected (Est. Total Based on 5% Sample Size) No of Barangay H'Holds Populatior</th><th>al Based on 5% No of H'Holds</th><th>sample Size) Population</th><th>Unaffected (Est. Totai Based on 6% Sample Size) No of Barangay H'Holds Populat</th><th>Based on 6% Se No of H'Holds</th><th>sample Size) s Population</th></t<>	City/ Municipality	Threatened Barangays (Total Enumeration) No of H'Holds Popul	ys (Total Enume No of H'Holds	sration) Population	Affected (Est. Total Based on 5% Sample Size) No of Barangay H'Holds Populatior	al Based on 5% No of H'Holds	sample Size) Population	Unaffected (Est. Totai Based on 6% Sample Size) No of Barangay H'Holds Populat	Based on 6% Se No of H'Holds	sample Size) s Population
Cafe         3.016         15.047         (1)         320         3.600           Care         2015         15.047         1012         2.001         1.320         3.600           Corazeo De Jassus         265         1.933         Balutu         700         4.380         Calulian           Corazeo De Jassus         265         1.933         Balutu         700         4.380         Calulian           Corazeo De Jassus         365         1.012         Castilion         2.700         1.320         Pando           Ungain         1700         673         Lilibengan         1.400         700         5.30         Pando           Jermin (Dutury-AMa         512         2.633         Mapengan         1.400         700         5.30         Pando           Parulung         212         2.633         Mane         7240         1.420         Pando           San Isrocine         2173         San Isrocine         2.740         1.220         2.300           San Isrocine         2173         San Isrocine         2.740         1.240         7.400           San Isrocine         2.733         San Isrocine         2.740         1.240         7.400           San Isr		Sto. Domingo 2nd Sto. Rosario	555 590	2,740 2,918						
Cafe         365         1,933         Balutu         700         4,380         Calutuan           Corazon De Jøsus         204         1,012         Catius         2240         1,320         Pando           Dungan         130         673         Lilbangan         140         700         8,380         Calutuan           Dungan         130         673         Lilbangan         140         700         Sn. Cristo           Dungan         512         2.683         Mageo         460         2.740         Talutuan           Dungan         512         2.683         Mageo         460         2.740         Talutuan           Santorica         2.70         1,193         Santorica         220         1,300         San Antorica           Santorica         2.70         1,195         5.248         San Antorica         2,400         1,300           Santo Nicolas         2.791         Santonica         2,700         1,300         2,360         2,400           Santo Nicolas         2.74         3,105         San Antorica         2,600         2,300         2,400           Santo Nicolas         2.74         3,105         San Antorica         2,400         1,300	ub Total						3,600		[1] 200	1.340
Constron De Jesus         204         1,012         Calius         240         1,320         Fanto           Culatingen         339         2,233         Manupa         233         Castius         240         1,320         Fanto           Dungan         312         264         1,012         Castius         240         2,130         Fanto           Dungan         312         264         1,961         Malupa         280         1,400         Sen Outantina           Dungan         312         283         Manupa         283         1,400         Sen Outantina           San Fabuman         222         1,013         Panalitiscian         240         1,740         Sen Outantina           San Fabuman         231         1,195         S.24         338         Antonine         220         2,400         1,240           San Nicitas         1,195         S.24         338         San Antonine         220         2,040<	oncepcion	Cafe	365	1,983	Balutu	2002	4,380	Caluluan	720	
Durgangen     130     673     Lilibangan     140     700     Sto. Cristo       Durgangen     130     673     Lilibangan     140     700     Sto. Cristo       Jefmin (Dutung-AMa     512     2.683     Magao     460     2.740     Talimurdue San Migue       Paruburg     182     989     Minane     720     4.420       Paruburg     11,195     San Fancisco     230     3.380     2,00       San Francisco     3109     San Bartolome     350     2,00     1,240       San Korolas (Pob.)     591     2,797     San Bartolome     350     2,000       Santa Cruz     3109     San Martin     240     1,000     2,560       Santa Moria     119     567     San Martin     240     1,000       Santa Moria     119     567     San Martin     240     1,000       Santa Monica     119     567     San Martin     240     1,000       Santa Monica     119     567     San Martin     240     1,000       Santa Monica     119     557     San Martin     240     1,000       Santa Monica     119     557     San Martin     240     1,000       Santa Rosa     459     2,800		Corazon De Jesus	204	1,012	Calius Castillo	240 420	1,320 2,180	rango San Juan (Castro)	720	4,320
Jermin (Outung-AMa)         512         2.683         Magao         450         2.740         Taimundue San Migue           Mabilog         364         1,691         Malupa         280         1,460         1,460           Rabilog         354         1,691         Malupa         280         1,460         1,460           Rabilog         322         1,078         Panalicsican         240         1,240         1,240           Rabilog         323         581         573         San Abrohome         320         2,040         3.380           San Jose (Pob.)         1,195         5,248         San Bartohome         350         2,040         3.380           Santa Cruz         547         3,109         San Martin         240         1,240           Santa Cruz         547         3,109         San Nicolas Bala         480         2,860           Santa Maria         717         3,980         San Nicolas Bala         480         2,860         1,340           Santa Rita         2,655         Santa Rita         240         1,340         1,340         1,340           Santa Rita         2,555         5,313         1,186         3,100         1,351         1,340         <		Dundan	130	673	Lilibangan	140	200	Sto. Cristo	240	
Mabilog         354         1,691         Matupa         280         1,460           Praviung         182         989         Minane         230         1,460           Praviung         222         1,078         8.1,939         San Antonio         520         3,380           San Lose (Pob.)         1,195         6,248         San Bartolome         360         2,040         3,380           San Nicciss (Pob.)         591         2,797         San Bartolome         360         2,040         3,300           Santo Niño         597         2,797         San Nactin         220         1,340         2,600         2,040           Santa Kusa         119         567         Santa Rotica         240         1,000         2,960         4,000           Santa Morica         747         3,990         San Nicinita Bala         240         1,340         1,340           Santa Rosica         459         2,657         San Nicinita Bala         240         1,340         1,340           Santa Ronica         456         2,482         3,109         San Nicinita Bala         240         1,340           Santa Ronica         556         2,880         3,113         5573         3,100	•	Jefmin (Dutung-A-Ma		2,683	Magao	460	2,740	Talimunduc San Migue	240	
Partung     232     333       Paruung     232     1,195     5,246       San Jose (Pob.)     3,1195     6,248     San Antonio       San Nicolas (Pob.)     3,195     5,333     San Antonio       San Nicolas (Pob.)     3,195     5,310     3,380       Santa Nicolas (Pob.)     3,56     1,305     5,310     3,380       Santa Nicolas (Pob.)     5,567     3,109     5,310     3,380       Santa Nicolas (Pob.)     5,567     3,109     5,310     3,380       Santa Maria     11,9     5,67     3,109     5,310       Santa Maria     11,9     5,67     3,109     5,310       Santa Morica     494     2,550     2,040       Santa Morica     494     2,400     1,000       Santa Morica     494     2,550     3,340       Santa Rosa     494     2,550     3,340       Santa Rosa     494     2,550     3,340       Santa Rosa     494     2,400     1,340       Santa Rosa     456     2,400     1,340       Santa Rosa     1,186     1,186     1,340       Santa Rosa     1,231     1,231     1,340       Inimudu     2,33     1,335     1,340	نوب	Mabilog		1,691	Malupa	280	1,460			
Finaururan     33.80       San Jose (Pob.)     31.195     5.248     San Antonio     520     3.380       San Jose (Pob.)     591     2.797     San Bartolome     360     2,040       San Nicolas (Pob.)     591     2.797     San Bartolome     360     2,040       Santo Nino     355     1,808     San Martin     360     2,040       Santa Marcia     11,95     5.747     3,109     San Martin     240     1,000       Santa Marcia     747     3,980     San Nicolas Bala     480     2,860       Santa Monica     747     3,980     San Nicolas Bala     480     2,860       Santa Monica     747     3,980     San Nicolas Bala     480     2,860       Santa Monica     747     3,980     San Nicolas Bala     480     1,340       Santa Monica     747     3,980     San Nicolas Bala     460     1,340       Santa Monica     747     3,980     San Nicolas Bala     460     1,340       Santa Monica     747     3,980     San Vicente     240     1,340       Santa Rosa     453     174     2,523     1,240     1,340       Talimondu Marimia     213     1,231     1,340     1,340 <td< td=""><td>•</td><td>Parulung</td><td>187</td><td>000 F</td><td>Panaliceican</td><td>240</td><td>1.240</td><td>•</td><td></td><td></td></td<>	•	Parulung	187	000 F	Panaliceican	240	1.240	•		
San Jose (Pob.)       1,195       6,248       San Bartolome       360       2,040         San Nicolas (Pob.)       591       2,797       San Sai Idro (Alme       360       2,040         Santa Maria       119       5,67       3,109       San Nicolas Bala       480       2,560         Santa Maria       119       5,67       3,109       San Nicolas Bala       480       2,660         Santa Maria       149       2,573       San Nicolas Bala       480       2,660       4,080         Santa Maria       747       3,980       San Nicolas Bala       480       2,660       4,080         Santa Rosa       494       2,523       Santa Rusa       494       2,523       547       3,400         Santa Rosa       494       2,523       San Vicente       240       1,340         Santa Rosa       494       2,523       1,186       1,186       1,340         Tailmovacu (Magun       223       1,186       1,186       1,340       1,340         Tailmovacu (Magun       223       1,231       1,340       1,340       1,340         Tailmovacu (Magun       233       1,395       2,462       3,910       1,340         Alfonsc		Pilaounan San Francisco	942	4,839	San Antonio	520	3,380			
San Nicolas (Pob.)       591       2,797       San Isidro (Alme 480       2,560         Santo Niño       356       1,808       San Martin 240       1,000         Santa Martia       119       3567       3,109       San Martin 240       1,000         Santa Martia       747       3,109       San Martin 240       1,000       2,860       2,860         Santa Martia       747       3,980       San Micolas Bala       480       2,860       2,860         Santa Monica       747       3,980       San Nicolas Bala       480       2,860       2,860         Santa Monica       459       2,482       1,186       2,400       1,340       1,340         Santagoo       459       2,482       1,186       1,340       1,340         Santagoo       1,186       1,231       1,231       1,340         Talimuduc Marimia       223       1,186       1,340       3,000         Sta. Rosario (Magun       236       1,365       3,910       6,600       3,560         Alfonso       763       3,910       6,600       3,5700       3,5700         Starting       52,225       1,9590       2,3,800       3,5,700         Santiago	÷	San Jose (Pob.)	1.195	6.248	San Bartolome	360	2,040			
Santo Niño       356       1,808       San Martin       240       1,000         Santa Kruz       547       3,109       San Nicolas Bala       480       2,860         Santa Monica       747       3,900       San Nicolas Bala       480       2,860         Santa Monica       747       3,900       San Nicolas Bala       480       2,860         Santa Monica       747       3,990       San Nicolas Bala       480       2,860         Santa Roosa       459       2,482       3,900       San Vicente       240       1,340         Santa Rosa       494       2,523       1,186       1,340       2,340       1,340         Talimunduc Marimla       223       1,186       1,340       2,460       1,340         Tinang       259       2,482       3,910       2,666       4,080         Alfonso       763       3,910       52.225       1,395       2,430       3,5700         Green Village       2,543       1,395       2,3820       3,5700       3,5700         33,758       179,590       2,3820       1,33.00       2,3820       2,3800		San Nicolas (Pob.)	165	2,797	San Isidro (Alme	480	2,560			
Santa Cruz       547       3,109       San Nicolas Bala       480       2,860         Santa Maria       747       3,900       San Nicolas Bala       480       2,860         Santa Maria       747       3,900       San Nicolas Bala       960       4,080         Santa Monica       747       3,980       San Nicolas Bala       960       4,080         Santa Rosa       494       2,523       3,980       San Vicente       240       1,340         Santiago       236       1,186       1,211       1,211       1,340       1,340         Talimunduc Marimia       223       1,221       1,211       1,346       1,340         Traismunduc Marimia       223       1,221       1,231       1,340         Alfonso       763       2,910       3,910       3,910         Alfonso       277       1,395       1,395       1,395         Inang       23       10,060       52,225       1,590         Iso Santiage       15,431       78,600       35,700         Iso Santiage       15,430       23,820       23,820         Iso Santiage       12,5380       23,820       23,820		Santo Niño	356	1,808	San Martin	240	1,000			
Santa Maria     119     557     Santa Rita     960     4,080       Santa Monica     747     3,980     Santa Rita     960     4,080       Santa Rosa     494     2,523     3,980     San Vicente     240     1,340       Santa Rosa     494     2,523     2,482     2,523     1,340       Santa Rosa     494     2,523     1,186     1,186       Talimunduc Marimia     223     1,186     1,342       Talimunduc Marimia     223     1,231     1,186       Tinang     763     3,910     763     3,910       Alfonso     763     3,910     1,395     1,395       Alfonso     277     1,395     1,395     1,156       Steen Village     52.225     1,155     2,866     4,590       33,758     179,590     2,3820     2,53,800     2,53,800		Santa Cruz	547	3,109	San Nicolas Bala	480	2,860			
Santa Monica       747       3,980       San Vicente       240       1,340         Santa Rosa       494       2,523       2,482       2,323       1,186         Santa Rosa       494       2,331       1,231       1,231       1,231         Talimunduc Marimia       223       1,231       1,231       1,231         Telabanca       174       946       763       3,910         Alfonso       763       3,910       763       3,910         Alfonso       763       3,910       559       2,866         Alfonso       763       3,910       550       550         Alfonso       763       1,395       1,395       2,866       45,000         Alfonso       233,758       1,9590       52,225       1,15       6,480       35,700         33,758       19,060       52,225       1,15       6,480       35,700         33,758       19,060       52,225       1,15       6,480       35,700         33,758       19,590       23,820       123,880       23,800		Santa Maria	119	567	Santa Rita	096	4,080			
Santa Rosa     494     2,523       Santiago     459     2,482       Sta. Rosario (Magun     236     1,186       Talimunduc Marimia     233     1,231       Telabanca     174     946       Tinang     559     2,866       Alfonso     763     3,910       Alfonso     277     1,395       (23)     10,060     52,225       (15)     6,480     35,700       33,758     179,590     23,820       33,758     179,590     23,820		Santa Monica	747	3,980	San Vicente	240	1,340			
Santiago       459       2,482         Sta. Rosario (Magun       236       1,186         Talimunduc Marimla       233       1,231         Telabanca       174       946         Tinang       559       2,866         Alfonso       763       3,910         Green Village       277       1,395         (23)       10.060       52,225         15,431       78,680       45,900         33,758       179,590       23,820         33,758       179,590       23,820		Santa Rosa	484	2,523						
Sta. Rosario (Magun       236       1,186         Talimunduc Marimla       223       1,231         Telabanca       174       946         Tinang       559       2,866         Alfonso       763       3,910         Green Village       277       1,395         (23)       10.060       52,225         15.431       78,680       45,900         33,758       179,590       23,820         33,758       179,590       23,820		Santiago	459	2,482						
Talimunduc Marimia       223       1,231         Telabanca       174       946         Tinang       559       2,866         Alfonso       763       3,910         Green Village       277       1,395         (23)       10.060       52,225         15.431       78.680       45.900         33.758       179.590       23.820         33.758       179.590       23.820		Sta. Rosario (Magun	236	1,186						
Telabanca       174       946         Tinang       559       2,866         Alfonso       763       3,910         Alfonso       763       3,910         Green Village       277       1,395         (23)       10,060       52,225         15,431       78,680       8,660       45,900         33,758       179,590       23,820       123,880		Talimunduc Marimla	223	1.231	-					
Tinang       559       2,866         Alfonso       763       3,910         Green Village       277       1,395         (23)       10,060       52,225         15,431       78,680       8,660       45,900         33,758       179,590       23,820       123,880		Telabanca	174	946		÷		i		
Alionso Green Village 277 1,395 (15) 6.480 35,700 15,431 78,680 62,225 (15) 6.480 35,700 33,758 179,590 23,820 123,880		Tinang	528 100	2,866						
Green Village 277 1,395 (23) 10.060 52.225 (15) 6.480 35.700 15.431 78.680 8.660 45.900 33.758 179.590 23.820 123.880		Alfonso	(63	3,970						
(23)     10.060     52.225     (15)     6.480     35.700       15.431     78.680     8.660     45.900       33.758     179.590     23.820     123.880		Green Village	277	1,395						
<u>15,431</u> 78,680 <u>33,758</u> <u>179,590</u> <u>23,820</u> <u>1</u>	ub Total			52,225	- <b></b>		35,700		(5) 2,360	12,620
33,758 179,590	arlac Total		15,431	78,680		<u>8,660</u>	45,900		2,560	13,960
	rand Total	;	33,758	179,590		23,820	123,880		75,320	375,440

i

. **.** 

Population as of August 1994 (5/5)

•

0

8

.-

ł

BER	
5,575	
1,521	
533	
257	
127	
149	
988	
547	
441	
1,550	
91	
91	
339	
106	
8	
125	
92	
8	
251	
115	
136	
291	
155 🕔	
136	
578	
52	
30	
62	
320	
68	
46	
2,504	
303	
69	
28	
43	
	34 56 18 30

## Number of Acta Families in Tarlac and Pampanga (1/2) As of August 1994

ġ.

## Number of Acta Families in Tarlac and Pampanga (2/2) As of August 1994

0

SincePoint Nome LinkSan Clemente271Sitio Kayapan56Labney97Lawak Langka50Padia68Capas980Alunan74Batong - Gatang37Bilad40Biyayao107Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose652Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tata70Tangan - tangan149Tarlac98Paquillao98	PROVINCE/MUN SITIO	licipality	NUMBER
Sitio Kayapan56Labney97Lawak Langka50Padia68CapasAlunanAlunan74Batong - Gatang37Bilad40Biyayao107Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pillen41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tata70Tangan - tangan149	5110		
Sitio Kayapan56Labney97Lawak Langka50Padia68CapasAlunanAlunan74Batong - Gatang37Bilad40Biyayao107Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pillen41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tata70Tangan - tangan149	San Clemente		271
Labney97Lawak Langka50Padia68Capas980Alunan74Batong - Gatang37Bilad40Biyayao107Bot - ol36Bulacan32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Sitio Kayapan	56
Lawak Langka50 PadiaPadia68Capas980Alunan74Batong - Gatang37Bilad40Biyayao107Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tata70Tangan - tangan149			97
Padia68Capas980Alunan74Batong - Gatang37Bilad40Biyayao107Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San José852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tata70Tangan - tangan149			50
Alunan74Batong - Gatang37Bilad40Biyayao107Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tata70Tangan - tangan149			68
Alunan74Batong - Gatang37Bilad40Biyayao107Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tata70Tangan - tangan149	Capas		980
Bilad40Biyayao107Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Alunan	74
Bilad40Biyayao107Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Batong - Gatang	37
Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		-	40
Bot - ol36Bulacan32Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Віуауао	107
Bunga32Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149			36
Doray44Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patai Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Bulacan	32
Dueg193Maalyabon38Malabayuhan35Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Bunga	32
Maalyabon38Maalyabon35Malabayuhan35Manibukyot69Pantol34Patai Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Doray	44
Malabayuhan35Malabayuhan35Manibukyot69Pantol34Patai Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Dueg	193
Manibukyot69Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Maalyabon	38
Pantol34Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Malabayuhan	35
Patal Pinto9Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Manibukyot	
Pilien41Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Pantol	34
Pisa - pungaw61Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149	· .	Patal Pinto	. 9
Sta. Monica26Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Pilien	41
Yawka72San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Pisa - pungaw	61
San Jose852Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149Tarlac98		Sta. Monica	
Agus58Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Yawka	72
Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149Tarlac98	San Jose	ана. 1997 — Аланан Аланан (1997)	852
Dirita178Maamot Proper129Pisapungaw72San Pedro138Socorro58Tala70Tangan - tangan149		Agus	58
Pisapungaw 72 San Pedro 138 Socorro 58 Tala 70 Tangan - tangan 149 <i>Tarlac</i> 98			178
San Pedro 138 Socorro 58 Tala 70 Tangan - tangan 149 Tarlac 98	· .	Maamot Proper	129
Socorro 58 Tala 70 Tangan - tangan 149 Tarlac 98		Pisapungaw	72
Tala 70 Tangan - tangan 149 Tarlac 98		San Pedro	
Tangan - tangan 149 Tarlac 98		Socorro	58
Tarlac 98		Tala	70
101100		Tangan - tangan	149
Paquillao 98	Tarlac		
		Paquillao	98

Source of Data : Office of Northern Cultural Communities (ONCC), San Fernando, Pampanga

.