

(5) Roxas III

I. GEOGRAPHIC DATA

Total Land Area: 8,710 Has.

Boundaries: North Municipality of Bengabong  
East Tablas Strait  
West Portions of Mangalay and Bengabong  
South Municipality of Mangalay

Number of Barangays: nineteen (19)

II. DEMOGRAPHIC DATA

A. Total Population

	Number	Percent
Male	<u>11,556</u>	<u>49.82</u>
Female	<u>11,639</u>	<u>50.18</u>
Total	<u>23,195</u>	<u>100.00</u>

Source: POPCOM - JICA SURVEY  
March, 1983

TABLE I

Distribution of Population According to Age Groups  
and Sex (Year 1983)

Age Groups	Male		Female		Total	
	No.	Percent	No.	Percent	No.	Percent
Under 1 year	<u>428</u>	<u>3.7</u>	<u>402</u>	<u>3.45</u>	<u>830</u>	<u>3.58</u>
1 yr. to 6 yrs.	<u>1,949</u>	<u>16.87</u>	<u>1,911</u>	<u>16.42</u>	<u>3,860</u>	<u>16.64</u>
7 yrs.	<u>475</u>	<u>4.11</u>	<u>434</u>	<u>3.73</u>	<u>909</u>	<u>3.92</u>
8 yrs.-14 yrs.	<u>2,263</u>	<u>19.58</u>	<u>2,261</u>	<u>19.43</u>	<u>4,524</u>	<u>19.5</u>
15 yrs.-44yrs.	<u>4,857</u>	<u>42.03</u>	<u>5,256</u>	<u>45.16</u>	<u>10,113</u>	<u>43.6</u>
45 yrs.-64yrs.	<u>1,243</u>	<u>10.76</u>	<u>1,128</u>	<u>9.69</u>	<u>2,371</u>	<u>10.22</u>
65 yrs. and over	<u>341</u>	<u>2.95</u>	<u>247</u>	<u>2.12</u>	<u>588</u>	<u>2.54</u>
Total	<u>11,556</u>	<u>100.00</u>	<u>11,639</u>	<u>100.00</u>	<u>23,195</u>	<u>100.00</u>

Source: POPCOM - JICA SURVEY  
March, 1983

B. Target Population

1. Total No. of Pre-schoolers	<u>2,858</u>
2. Total No. of Households	<u>4,334</u>
3. Total No. of School-age	<u>895</u>
4. Total No. of Out-of-School youths	<u>1,873</u>
5. Total No. of married couples of reproductive age (MCRAS)	<u>2,413</u>
6. Total No. of malnourished children	<u>1,687</u>
a. 1st & 2nd Degree	<u>1,643</u>
b. 3rd Degree	<u>44</u>
7. Total No. of Mothers	<u>3,745</u>
a. Pregnant	<u>343</u>
b. Nursing	<u>608</u>

Source: POPCOM - JICA SURVEY  
March, 1983

TABLE II  
Distribution of MCRAs Per Barangay

Barangay	Number
1. Bagumbayan	329
2. San Jose	48
3. Makuhay	"
4. Paclasan	259
5. San Aquilino	205
6. Dangay	189
7. San Miguel	55
8. Ilibona	140
9. Happy Valley	90
10. Maraska	44
11. Cantil	208
12. San Isidro	127
13. Victoria	92
14. Odiang	28
15. Uyas	61
16. San Mariano	247
17. San Rafael	82
18. San Vicente	88
19. Libertad	121
Total	<u>2,413</u>

SOURCE: PROVINCIAL POPULATION OFFICE  
District V

III. SOCIO-ECONOMIC DATA

A. Education

TABLE III  
Classification of Population by Education

Highest Grade Completed	Male	Female	Total
No Grade Completed	511	401	912
Elementary	4,940	4,720	9,660
Completed High School	722	797	1,519
Reached College	451	498	949
Finished College	256	375	631
Not stated	651	470	1,121
Reached High School	1,292	1,376	2,668
Total	8,823	8,637	17,460

Source: POPCOM - JICA SURVEY  
March, 1983

TABLE IV  
Literacy of Population 6 years old and Over By Sex, Age  
Group of the Municipality

AGE GROUP	Male		Female	
	Literate	Illiterate	Literate	Illiterate
6 yrs and 10 yrs.	1,846	107	992	78
11 yrs - 15 yrs.	1,616	25	1,450	18
16 yrs - 20 yrs.	7,213	18	1,231	11
21 yrs - 24 yrs.	753	10	858	9
25 yrs - 29 yrs.	383	20	813	7
30 yrs - 34 yrs.	711	31	698	25
35 yrs and over	2,178	258	1,983	194
Total	8,355	469	8,025	342

Source: POPCOM - JICA SURVEY  
March, 1983

B. Labor

TABLE V  
(Population 10 yrs old and over by sex and type of Activity)  
(Year 1983)

	<u>Male</u>	<u>Female</u>	<u>Total</u>
<u>Economically Active</u>			
Employed	<u>762</u>	<u>449</u>	<u>1,211</u>
Self-employed	<u>3,143</u>	<u>545</u>	<u>3,688</u>
<u>Economically Inactive</u>			
Housekeepers	<u>0</u>	<u>3,649</u>	<u>3,649</u>
Students	<u>1,793</u>	<u>1,956</u>	<u>3,749</u>
Others	<u>170</u>	<u>55</u>	<u>225</u>

Source: **POPCOM - JICA SURVEY**  
March, 1983

TABLE VI  
Population 10 yrs old and over By Sex and Major Industry  
Groupings (Year 1983)

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Agriculture, Hunting, Forestry, Fishing	<u>2,659</u>	<u>20</u>	<u>2,679</u>
Mining and Quarrying	<u>1</u>	<u>0</u>	<u>1</u>
Manufacturing	<u>81</u>	<u>47</u>	<u>128</u>
Elec., Gas, Water/Sanitary Service	<u>26</u>	<u>3</u>	<u>29</u>
Construction	<u>164</u>	<u>2</u>	<u>166</u>
Commerce	<u>290</u>	<u>208</u>	<u>498</u>
Transportation and Storage	<u>278</u>	<u>0</u>	<u>278</u>
Industry not adequately described	<u>919</u>	<u>182</u>	<u>1,101</u>
Services	<u>395</u>	<u>450</u>	<u>845</u>
Total	<u>4,723</u>	<u>912</u>	<u>5,635</u>

Source: **POPCOM - JICA SURVEY**  
March, 1983

C. Housing

TABLE VII  
Number of Dwelling Units and Families with/  
Without Own Dwelling Units

Total Number of Dwelling Units:	3,808
With Own Dwelling Units	3,247
Rented Dwelling Units	115
Live/Share with parents/ relatives/Others	377
Unoccupied Dwelling Units	69

Source: POPCOM-JICA SURVEY  
March, 1983  
D. Health Situation

TABLE VIII  
Ten Leading Causes of Morbidity  
(Year 1983)

CAUSE	NUMBER OF CASES
Upper Respiratory Infection	330
Intestinal Parasitism	522
Castro-enteritis	267
Influenza	115
Hypertension	31
Wound	69
Bronchitis	135
Scabies	32
Measles	40
Tonsillitis	6
Others (Please identify) PTE	180
Malaria	46

Source: RURAL HEALTH UNIT  
Rexas, Oriental Mindoro

TABLE IX  
Ten Leading Causes of Mortality (Year 1982)

CAUSE	NUMBER OF CASES
Accidents (Vehicular and Labor)	0
Bronchopneumonia	0
Pneumonia	38
Insecticide Poisoning	0
Cardio-vascular arrest/hypertension	70
Myocardial Infarction	1
Drowning Asphyxia	1
Cancer of the liver	0
Gastro-enteritis Acute	12
Cancer of the Uterus	1
Others (Please identify) PTB	12
Bronchitis	38
Senility	10
Still Birth	15

Source: RURAL HEALTH UNIT  
Rexas, Oriental Mindoro

TABLE X

Leading Causes of Infant Mortality 5 years Average  
(Year 1982)

CAUSE	CASES	PERCENT
Gastro-enteritis	3	6
Asphyxia	0	-
Broncho-pneumonia	2	4
Pro-maturity	5	10
Bronchitis	16	32
Septecinia	0	-
Others (Please identify) Still Birth	13	26
Cardio Respiratory arrest	5	10
Infantile Beri-beri	4	8
Malnutrition	1	2
Tetanus hematerum	1	2
TOTAL	50	

Source: RURAL HEALTH UNIT  
Rexas, Or. Mindoro

TABLE XI  
Water Supply (Year 1983)

KIND	NUMBER	ESTIMATE OF POPULATION SERVED
Water Works	-	-
Small Community Water Works	-	-
Private Shallow Well	2,810	9,831
Public Spring-developed	165	482
Public Spring-unimproved	45	384
Others (Please identify)	25	1,342
None	2	

Source: POPCOM - JICA SURVEY  
March, 1983

E. Parasite Infection Rate (1982) ~~21.814~~ %  
No. of Children Immunized (1982) ~~5,382~~

TABLE XII  
Excreta Disposal (Year 1983)

KIND	NUMBER
Sewerage System	-
Septic Tank - Flush	109
Septic Tank - Water Sealed	684
Satisfactory Pit Privy	927
Open Privy	998
Public Comfort Stations	1
Sharing	325
Body of Water	199
None	764

Source: POPCOM - JICA SURVEY  
March, 1983

F. Nutrition Situation

TABLE XIII  
Distribution of Pre-School Children According to  
Nutritional Status (Year 1982)

STATUS	NUMBER	PERCENT
Normal	522	32.44
1st Degree Malnourished	630	39.15
2nd Degree Malnourished	413	25.67
3rd Degree Malnourished	44	2.74
Overweight	0	-
Total	1,609	100.00

Source: RURAL HEALTH UNIT  
Roxas, Or. Mindoro

TABLE XIV  
Distribution of Pre-School Children According to  
Nutritional Status (Year 1982)  
Pre-Schoolers Weighed \_\_\_\_\_

STATUS	NUMBER	PERCENT
Normal	522	32.44
1st Degree Malnourished	630	39.15
2nd Degree Malnourished	413	25.67
3rd Degree Malnourished	44	2.74
Total	1,609	100.00

Source: RURAL HEALTH UNIT  
Roxas, Or. Mindoro



C. Family Planning Situation

TABLE XV  
Distribution of Users by Method For Barangay  
As of January, 1983

METHODS

BARANGAYS	Female Sterilization		IUD		PILLS		CONDOM		RHYTHM		OTHERS		Per Barangay Preference				
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%			
1. Jibiteg	12	5.41	1	1.10	0	-	2	2.11	5	2.52	5	3.76	3	5.77	29	140	29.71
2. Hapay Valley	4	1.20	0	-	0	-	10	12.62	1	.59	5	3.76	1	1.92	29	90	32.22
3. Baraka	3	1.35	1	1.10	0	-	1	.71	2	1.33	3	2.26	2	3.85	12	44	27.27
4. Cantill	21	9.46	4	4.40	4	10.88	19	13.38	7	4.14	16	12.03	1	1.92	72	218	-
5. San Isidro	17	7.66	5	5.40	3	8.11	12	7.84	3	4.73	7	5.26	9	17.31	59	127	46.46
6. Victoria	10	4.50	3	3.30	0	-	1	.71	9	5.33	3	2.24	0	-	26	92	29.26
7. Ojias	5	2.25	11	12.22	0	-	2	1.41	4	2.57	5	3.76	1	1.92	29	125	21.71
8. Moco	2	.89	4	4.40	0	-	6	4.23	20	11.85	0	-	0	-	32	61	52.46
9. San Mariano	21	9.46	6	6.59	0	-	10	7.84	19	11.24	2	1.5	0	-	58	247	23.42
10. San Rafael	6	2.70	0	-	0	-	3	2.26	3	4.73	3	2.26	2	3.85	22	82	26.83
11. San Vicente	1	.45	1	1.10	0	-	0	-	3	4.73	0	-	0	-	18	88	11.36
12. San Miguel	5	2.25	1	1.10	0	-	5	3.85	7	4.14	8	6.02	0	-	26	55	47.27
Total Per Method	107	37	7	78	98	57	10										

Percent:  
Total Per Method  
Total No. of Users

Source: PROVINCIAL POPULATION OFFICE  
District V

C. Family Planning Situation

TABLE XV  
Distribution of Users by Method Per Barangay  
As of January 1967

BARANGAYS	Female Sterilization:		Male Sterilization:		IUD	PILLS	CONDOM		RHYTHM		OTHERS		REVALUATE RATE				
	No.	%	No.	%			No.	%	No.	%	No.	%		No.	%		
13. Libertad	7	3.15	9	3.89	3	2.11	6	4.23	26	15.70	1	1.75	12	23.92	64	131	42.25
14. San Jose	4	1.89	0	-	0	-	0	-	1	.59	7	5.26	0	-	12	48	25.00
15. Magumbayan	39	17.57	26	23.57	15	13.54	17	11.97	28	16.51	38	22.57	14	26.92	177	329	52.83
16. Mabuhay	1	.45	0	-	0	-	1	.71	2	1.18	8	6.82	0	-	12	52	-
17. Pachoan	27	12.16	9	8.29	2	5.41	8	5.63	5	2.96	7	5.26	5	9.62	63	259	24.32
18. San Aguilina	27	12.16	7	7.69	5	13.54	17	11.97	25	2.96	6	4.51	0	-	67	295	132.2
19. Pangay	10	4.51	3	3.23	5	13.54	15	10.52	4	2.37	9	6.77	2	3.85	48	189	25.59
Total Per Method	222	100.00	51	100.00	37	100.00	142	100.00	149	100.00	133	100.00	52	100.00			
Percent:																	
Total Per Method																	
Total No. of Users	346																

Source: PROVINCIAL POPULATION OFFICE  
DICTRICT



H. Resource Profile

a. Health

1. Number of available personnel in the field/type/functions

CATEGORIES	Government	Private
A. Physicians	: 4 :	: 3 :
B. Nurses	: 8 :	: 1 :
C. Dentists	: NONE :	: 3 :
D. Midwives (Rural Health Unit)	: 5 :	: - :
E. Sanitary Inspector (Rural Health Unit)	: 1 :	: - :

Source: RURAL HEALTH UNIT  
Rexas, Or. Mindoro

F. Other Health Manpower	Number (Only Private Hospitals)
1. Physicians	-
2. Nurses	-
3. Dentists	-
4. Midwives	-
5. Nutritionist	-
6. Pharmacists	5

Source: RURAL HEALTH UNIT  
Rexas, Or. Mindoro

2. Distribution of Health Facilities by Barrios

TABLE XVII  
Existing Health Facilities (Year 1983)

BARANGAY	HOSPITAL	RHU	DISPEN: SARY	HEALTH: CENTER	CLINIC	DRUG STORE	MULTI- PURPOSE CENTER	TOTAL
Bagumbayan	-	1	-	-	5	4	1	11
Odiang	1	-	-	-	-	1	1	3
San Isidro	-	-	-	-	-	-	1	1
Victoria	-	-	-	-	-	-	1	1
Libertad	-	-	-	1	-	-	-	1
San Mariano	-	-	-	1	-	1	1	3
San Rafael	-	-	-	1	-	-	-	1
Maraska	-	-	-	-	-	-	1	1
Libteng	-	-	-	1	-	-	1	2
Gantil	-	-	-	1	-	-	1	2
TOTAL	1	1	0	5	5	6	8	26

Source: SOCIO-ECONOMIC PROFILE  
MUNICIPALITY OF ROXAS  
3. Medical Service Sector

a. Health Facilities	Private	Public	Total
1. Hospitals			
Number of hospitals		1	1
Number of beds		25	25
b. Other Health Facilities	Number		
Rural Health Units	1		
Barangay Health Stations	5		
Medical Clinics: private	5		
government	1		
Nutrition Centers	0		
Family Planning Units	1		
Day Care Centers	11		

Source: SOCIO-ECONOMIC PROFILE  
MUNICIPALITY OF ROXAS

b. Family Planning

TABLE XIX  
Family Planning Workers (Year 1983)

CATEGORY	NUMBER	REMARKS
District Population Officer	1	
Full time Outreach Workers	1	1 Vacant position for FTOW
Barangay Supply Point Officers	40	
Total		

Source: PROVINCIAL POPULATION OFFICE  
District V

TABLE XX  
Number of Barangay Supply Point Officers Per Barangay  
(Year 1982)

BARANGAY	NUMBER	REMARKS
1. Bagumbayan	4	
2. Paclasan	3	
3. San Isidro	2	
4. Odiong	2	
5. San Aquilino	3	
6. Victoria	1	
7. Libertad	2	
8. San Miguel	1	
9. Uyae	1	
10. San Mariano	4	
11. San Vicente	1	
12. San Rafael	2	
13. Happy Valley	1	
14. Maraska	1	
15. Mabuhay	1	
16. Libertad	2	
17. Cantil	4	
18. San Jose	1	
19. Dansay	4	
Total	40	

c. Social Services

1. Number of available personnel in the field

CATEGORY	NUMBER	REMARKS
Social Worker	1	available when needed
Day Care Workers	5	serving a total of 11 day care <del>workers</del> centers

Source: M S S D - Roxas

2. Number of Day Care Centers: 11

Source:

3. Location of Day Care Centers:

LOCATION	NUMBER	REMARKS
San Aguiline	1	
Odiang	1	
Paclasan Proper	1	
Legrand Bagumbayan	1	
Old Dangay	1	
Wawa - Paclasan	1	
San Miguel	1	
Uyas Proper	1	
Source Uyas North	1	
Victoria	1	
Libertad	1	

4. Number of SEAP Beneficiaries: 29

Source: M S S D - Roxas

5. Types of SEAP Projects (Please Check)

- a. gardening \_\_\_\_\_
- b. ~~xxxxxxxxxx~~ Cooked food / \_\_\_\_\_
- c. ~~xxxxxxxxxx~~ Veg. Vending / \_\_\_\_\_
- d. ~~xxxxxxxxxx~~ Catching fish / \_\_\_\_\_
- e. sari-sari store \_\_\_\_\_
- f. ~~xxxxxx~~ buy and sell / \_\_\_\_\_
- g. weaving \_\_\_\_\_
- h. knitting and dressmakir, \_\_\_\_\_

Source: M S S D - Roxas

I. Others (Please check is existing)

- 1. There are roving farm technicians and home management technicians from the Ministry of Agriculture. \_\_\_\_\_
- 2. There are private agencies who serve the barangays \_\_\_\_\_
- 3. There is a Municipal Development Officer. \_\_\_\_\_

TABLE XX  
Agencies with Communication Facilities (Year 1988)

NAME OF AGENCY	TYPE OF COMMUNICATION	AREA SERVICES
Roxas General Hospital	radio	_____
Roxas INP	radio	_____
I E R D	Radio	_____
Express Telecommunication	radio/telegraph	entire municipality
R C P I	telegraph	entire municipality
Bureau of Telecommunications	telegraph	entire municipality

Source: SOCIO-ECONOMIC PROFILE  
MUNICIPALITY OF ROXAS



TABLE XXI  
Information Media

	Municipal Stations	Stations Outside Municipality
1. Number of radio stations whose broadcast can be received locally:		10
2. Number of T.V. stations whose telecast can be received locally :		5
3. Local/Community Papers :		NONE
4. National papers available in the Municipality		
- Bulletin Today :		X
- Times Journal :		X
- Daily Express :		X
- Others (Please identify) :		

Source: SOCIO-ECONOMIC PROFILE  
MUNICIPALITY OF ROXAS

TABLE XXII  
Communication Facilities

	Private	Government
1. Number of telephone companies serving the area	1	-
2. Number of telephone connection		
Total	-	-
Residential	-	-
Business/Commercial	-	-
Tolograph	2	1
Telox	-	-
3. Number of Postal Offices	-	2
4. Number of Mail Carriers	-	6

Source: SOCIO-ECONOMIC PROFILE  
MUNICIPALITY OF ROXAS

I. ENVIRONMENTAL SANITATION:

1. Population : 23,570 (As per census of 1980)
  - Land Area: 51,314 Hectares
  - No. of Barangays: 17
2. Source of Income: From different form of taxes and financial aids both from the national and provincial government.
  - Annual Income : P550,000.00 - General Fund
  - P400,066.92 - Infrastructure Fund
  - P950,066.92 - Total
  - VVVVVVVVVVVVVV
3. Roads: The municipality is connected to other municipalities by the National Road. However, all the barangays of the municipality are connected by Farm to Market roads constructed out of gravel and earth materials except two (2) barangays that are situated on top of the mountains. (Proposed construction of farm to market road is scheduled for the coming year to one of the two barangays.)
  - Transportations: Jeeps, bus, tricycles, motorized boats and sailboats.
  - Communications: Telecom and Post Office
  - Electricity: Energization of the municipality is definitely scheduled this November, 1983.

4. MANPOWER RESOURCES (GOVERNMENT & PRIVATE):

- Physicians	-	3
- Nurses	-	7
- Midwives	-	7
- Med. Tech.	-	2
- MSSD Workers	-	2
- Ezy. Nutrition Scholars	-	5
- PTCW	-	1
- Engineers	-	3
- Foster Parents Plan Intl.	-	3
- Sanitary Inspector	-	1
- Teachers (Elem & High School)	-	134
- Managerial & Clerical Services	-	103

5. HEALTH & OTHER SOCIAL SERVICES:

- Health and other social activities are extended to the people through the different line agencies of the project, as follows:
  - MSSD - Referrals and supplemental feedings of feed for growth in Day Care Centers.
  - RHU - Health protection thru information and health education campaign, Immunisation, BCG, etc. (Pre and post natal care)
  - CRS - Dry Rationing
  - MCH - Pre and post natal care, actual application of family planning methods and devices, health education and hospital accommodation.
  - POPCOM - Campaign for Family Planning Acceptors.
  - MECS - Health Education, school supplementary feeding to mal-nourished school children, campaign for dropouts to re-enter the school and Non-Formal Education.

- Mun. Government - Information dissemination, supplementary feeding and appropriation for the purchase of medicines given free of charge to indigent families thru the Rural Health Unit.

6. PRE AND IN-SCHOOL POPULATION:

- Pre-School Children - 4450
- School Children - 4401

7. NUTRITIONAL STATUS OF PRE AND IN-SCHOOL CHILDREN:

<u>SCHOOL CHILDREN</u>	<u>PRE-SCHOOL CHILDREN</u>
- 1st Degree - 1934	- 1st Degree - 1062
- 2nd Degree - 1024	- 2nd Degree - 680
- 3rd Degree - 84	- 3rd Degree - 124

8. CRUDE BIRTH RATE (5 YEARS) 1978-1982 = .60.1%

9. Rate of Natural Increase (RNI) Birth Minus Death = 4.5%

10. Crude Death Rate (5 Years) = 7.46%

11. LEADING CAUSES OF MORTALITY:

- PTR
- Broncho Pneumonia
- Diarrhea
- Stab wounds
- Hypertension
- Beri-beri

12. LEADING CAUSES OF INFANT MORTALITY RATE:

- Diarrhea - 6
- Broncho Pneumonia - 5

13. WATER & TOILET FACILITIES:

- Percentage of household w/ potable water source = 36.72%
- " " " " " sanitary toilets = 38.72%

14. FAMILY PLANNING:

- Prevalence rate 5 years:

- 1978 - 17.36%
- 1979 - 21.12%
- 1980 - 20.31%
- 1981 - 21%
- 1982 - 32.1%

- Number of Continuing Acceptors per Method as of September 1983:

- Female Permanently Protected - 103
- Male " " - 85
- IUD - 30
- PILLS - 145
- CONDOM - 43
- RHYTHYM - 51
- OTHERS - 16

TOTAL ..... 472

-New Acceptors by Methods

- FFP (Ligation)	- 0
- MPT (Vasectomy)	- 0
- IUD	- 0
- PILL	- 6
- CONDOM	- 0
- RHYTHM	- 0
- OTHERS	- 0

15. Leading causes of Morbidity among Infants:

- Diarrhoea	- 71
- Bronchitis	- 65
- Measles	- 15
- Whooping Cough	- 7
- Broncho Pneumonia	- 5

16. PARASITE INFESTION RATE BY TYPES OF PARASITES:

- Stools examined from June as of September 30, 1983 - 893	
- Positive	- 771
- Percentage of positive	- 86.33%
- Ascaris	- 604 = 78.33%
- T. Trichura	- 438 = 56.809%
- Hookworm	- 21 = 2.723%

\* Frequently mixed infestation. Tapeworm infestation observed on 2 individuals by actual passage of scolex. (No stool exam)

- Mansalay Catholic High School:

- Stools examined	- 389
- Positive	- 201
- Percentage of Positive	- 51.67%

COMMUNITY AND RESOURCE PROFILE

MUNICIPALITY OF MANSALAY CITY OF \_\_\_\_\_  
 PROVINCE OF ORIENTAL MINDORO

I. GEOGRAPHIC DATA

Total Land Area 51,314 sq.km.

Boundaries : North Roxas & Bongabon  
 East Tables Strait  
 West Occidental Mindoro  
 South Bulalecao

No. of Barangays 17

II. DEMOGRAPHIC DATA

A. Total Population - 23,570

	Number	Percent
Male	<u>10,288</u>	<u>43.65%</u>
Female	<u>9,675</u>	<u>41.04%</u>
Total	<u>19,963</u>	<u>84.69%</u>

Source : Local Government  
 NECS Data Bank

TABLE I

Distribution of Population According to Age Groups  
 and Sex (Year 87)

Age Groups	Male		Female		Total	
	No.	Percent	No.	Percent	No.	Percent
Under 1 year	<u>212</u>	<u>4%</u>	<u>249</u>	<u>1%</u>	<u>461</u>	<u>1.95%</u>
1 yr. to 6 yrs.	<u>2001</u>	<u>8%</u>	<u>1940</u>	<u>8.2%</u>	<u>3941</u>	<u>16.73%</u>
7 yrs.	<u>481</u>	<u>2%</u>	<u>405</u>	<u>1.7%</u>	<u>886</u>	<u>3.75%</u>
8 yrs.-14 yrs.	<u>2266</u>	<u>9%</u>	<u>2076</u>	<u>8.4%</u>	<u>4342</u>	<u>18.47%</u>
15 yrs.-44 yrs.	<u>3961</u>	<u>16%</u>	<u>3762</u>	<u>16.9%</u>	<u>7723</u>	<u>32.76%</u>
45 yrs.-64 yrs.	<u>1144</u>	<u>4%</u>	<u>1067</u>	<u>4.1%</u>	<u>2211</u>	<u>9.38%</u>
65 yrs and over	<u>223</u>	<u>0.9%</u>	<u>176</u>	<u>0.7%</u>	<u>399</u>	<u>1.6%</u>
Total	<u>10,288</u>	<u>43%</u>	<u>9,675</u>	<u>41%</u>	<u>19,963</u>	<u>84.69%</u>

Source : NECS Data Bank

III. SOCIO-ECONOMIC DATA

A. Education

TABLE III  
Classification of Population by Education

Highest Grade Completed	Male	Female	Total
No Grade Completed	918	884	1,802
Elementary	5,547	5,041	10,588
Completed High School	1,286	1,112	2,398
Reached College	224	239	463
Finished College	115	182	297
Not Stated	8	5	13
Total	8,098	7,463	15,561

Source: NECS Data Bank

TABLE IV  
Literary of Population 6 years old and Over By Sex, Age Group of the Municipality

AGE GROUP	MALE		FEMALE	
	Literate	Illiterate	Literate	Illiterate
6 yrs. and 10 yrs.	1,078	565	961	401
11 yrs. - 15 yrs.	1,348	63	1,201	54
16 yrs. - 20 yrs.	1,184	58	1,037	80
21 yrs. - 24 yrs.	708	30	635	24
25 yrs. - 29 yrs.	666	43	646	69
30 yrs. - 34 yrs.	539	28	455	39
35 yrs. and over	1,764	280	1,603	324
Total	7,237	1,067	6,588	991

Source: NECS Data Bank

B. Labor

TABLE V  
(Population 10 yrs. old and over by sex and type of Activity)  
( Year 87 )

	MALE	FEMALE	TOTAL
<u>Economically Active</u>			
Employed:	<u>315</u>	<u>247</u>	<u>562</u>
Self-employed	<u>134</u>	<u>256</u>	<u>390</u>
<u>Economically Inactive</u>			
Housekeepers	<u>2</u>	<u>2,828</u>	<u>2,830</u>
Students	<u>771</u>	<u>727</u>	<u>1,498</u>
Others	<u>49</u>	<u>15</u>	<u>64</u>

Source : NECS DATA BANK

TABLE VI  
Population 10 yrs. old and over By Sex and Major Industry  
Grouping (Year 87)

	Male	Female	Total
Agriculture, Hunting, Forestry Fishing	<u>2,666</u>	<u>14</u>	<u>2,680</u>
Mining and Quarrying	<u>2</u>	<u>-</u>	<u>2</u>
Manufacturing	<u>-</u>	<u>-</u>	<u>-</u>
Elec. Gas, Water/Sanitary Service	<u>6</u>	<u>4</u>	<u>10</u>
Construction	<u>332</u>	<u>7</u>	<u>339</u>
Commerce	<u>27</u>	<u>57</u>	<u>84</u>
Transportation and Storage	<u>8</u>	<u>-</u>	<u>8</u>
Industry not adequately described	<u>-</u>	<u>-</u>	<u>-</u>
Service	<u>46</u>	<u>69</u>	<u>115</u>
Total	<u>3,087</u>	<u>151</u>	<u>3,238</u>

Source : NECS DATA BANK

C. Housing

TABLE VII

Number of Dwelling Units and Families With/  
Without Own Dwelling Units

Total Number of Dwelling Units	<u>3,444</u>
With Own Dwelling Units	<u>3,018</u>
Rented Dwelling Units	<u>426</u>
Live/Share with parents relatives/others	<u>181</u>
Unoccupied Dwelling Units	<u>-</u>

Source: NECS Data Bank

D. Health Situation

TABLE VIII

Ten Leading Causes of Morbidity (Year 82)

CAUSE	: NUMBER OF CASES
Upper Respiratory Infection	: <u>317</u>
Intestinal Parasitism	: <u>562</u>
Gastro-entiritis	: <u>283</u>
Influenza	: <u>252</u>
Hypertension	: <u>109</u>
Wound	: <u>86</u>
Bronchitis	: <u>220</u>
Malaria	: <u>36</u>
Measles	: <u>96</u>
Tonsillities	: <u>84</u>
Others (Please identify) - PTB	: <u>401</u>
PTB	: <u></u>

Source: DOE-RHU



TABLE IX  
Ten Leading Causes of Mortality (Year 1982 )

CAUSE	: NUMBER OF CASES
Accidents ( Vehicular and Labor )	: 2
Bronchopneumonia	: 4
Pneumonia	: -
Insecticide Poisoning	: -
Cardio-vascular arrest/hypertension	: 3
Myocardial Infection	: -
Drowning	: -
Cancer of the liver	: -
Castro-enteritis Acute	: 4
Cancer of all types	: 2
Others ( Please identify )	: _____
PTB	: 11
Tetanus	: 2

Source : DCH - RHU

TABLE X  
Leading Causes of Infant Mortality 5 years Average  
( Year 1982 )

CAUSE	: CASES	: PERCENT
Gastro-enteritis	: 3	: 2
Asphyxia	: _____	: _____
Broncho-pneumonia	: 3	: 2
Pre-maturity	: _____	: _____
Bronchitis	: _____	: _____
Septecinia	: _____	: _____
Others ( Please identify )	: _____	: _____

Source : DCH-RHU

TABLE XI  
Water Supply ( Year 1982 )

KIND	NUMBER	ESTIMATE OF POPULATION SERVED
Water Works	* : 1	: 4,033
Small Community Water Works	: 6	: 567
Private Shallow Well	: 2,056	: 13,133
Public Spring-developed	:	:
Public Spring-unimproved	:	:
Others (Please identify )	:	:

Source : MDS, RTU

E. Parasite Infection Rate

No. of Children Immunized 4,896

TABLE XII  
Excreta Disposal ( Year 1982 )

KIND	NUMBER
Sewerage System	:
Septic Tank-Flush	:
Septic Tank- Water Sealed	: 297
Satisfactory Pit Privy	: 1,586
Open Privy	:
Public Comfort Station	:
Sharing	: 15
Body of Water	:

Source : RHU

F. Nutrition Situation

TABLE XIII  
Distribution of Pre-School Children According to  
Nutritional Status (Year 1982)

STATUS	CASES	PERCENT
Normal	431	9.79%
1st Degree Malnourished	651	14.78%
2nd Degree Malnourished	679	15.42%
3rd Degree Malnourished	206	4.67%
Overweight	88	1.99%
Total	2,055	47.65%

Source: NHC

TABLE XIV  
Distribution of Pre-School Children According to  
Nutritional Status (Year 1982)  
Pre-Schoolers Weighed 1,967

STATUS	NUMBER	PERCENT
Normal	431	0.2%
1st Degree Malnourished	651	0.3%
2nd Degree Malnourished	679	0.3%
3rd Degree Malnourished	206	0.1%
Total	1,967	0.4%

Source: NHC

C. Family Planning Situation

TABLE XV  
Distribution of Users by Method For Harnungay  
As of JANUARY 1983

BARANGAYS	Female Sterilization		Male Sterilization		IUD	FILL	CONDOM	RHYTHM	OTHERS	Per Barangay	
	No.	%	No.	%						No.	%
1. Badburan	5	50%	0	0%	0	20%	0	10%	2	20%	10 : 17.54
2. Manaul	2	11%	0	0%	3	16%	2	11%	4	22%	18 : 29.03
3. Cabalwa	0	0%	0	0%	1	25%	0	0%	1	25%	4 : 11.11
4. Cagulong	8	40%	3	15%	0	10%	0	0%	6	30%	0 : 18.18
5. Teresita	3	5%	1	1%	5	8%	18	17%	8	13%	3 : 45.31
6. Poblacion	9	19%	4	8%	9	19%	15	17%	8	4%	0 : 48.95
7. B. del Mundo	18	32%	17	30%	2	3%	5	9%	9	16%	2 : 3%
8. Wasig	6	60%	2	20%	2	20%	0	0%	0	0%	0 : 18.18
9. Villa Celestial	7	35%	4	20%	1	5%	0	0%	5	25%	2 : 10%
10. Sta. Maria	7	43%	0	0%	0	0%	0	0%	5	21%	4 : 25%
11. Navran	1	11%	0	0%	1	11%	3	33%	1	11%	3 : 33%
12. Balugo	3	12%	8	33%	0	0%	6	25%	3	12%	0 : 16%
13. Moliwanag	2	8%	8	30%	0	0%	4	16%	6	4%	3 : 11%
14. Roma	7	18%	18	46%	1	3%	8	20%	1	3%	4 : 10%
15. Bonbon	2	25%	1	13%	0	0%	0	0%	5	62%	0 : 0%
16. Sta. Brigida	7	35%	2	10%	2	10%	4	20%	4	20%	1 : 5%
17. Panaytayan	9	13%	13	19%	1	2%	28	41%	2	5%	0 : 0%
Total Per Method Percent:	96		81		28		102		43		36
Total No. of Users	21.91		18.49		6.39		23.28		11.87		8.21
Prevalence Rate Eligible Population (NCP)	6		2		7.56		3.85		3.18		2.66
Revalence Rate Method											

Source:

TABLE XVI  
Distribution of Users by Method For Maragwey (Year )

BARANGAYS	Female Sterilization		Male Sterilization		IUD	FTIL	CONDOM	RUPTED	OTHERS			
	No.	%	No.	%						No.	%	No.
1. Budburan	5	50%	0	0%	0	20%	0	0%	1	10%	2	20%
2. Manaul	2	11%	0	0%	3	16%	2	11%	1	6%	4	22%
3. Gabalva	0	0%	0	0%	1	25%	0	0%	1	25%	1	25%
4. Cagulonga	8	40%	3	15%	0	0%	0	0%	6	30%	0	0%
5. Teresita	3	5%	1	1%	5	8%	18	31%	10	17%	8	13%
6. Poblacion	9	19%	4	8%	9	19%	15	31%	8	17%	2	4%
7. B. del Mundo	18	32%	17	30%	2	3%	5	9%	9	16%	2	3%
8. Nasig	6	60%	2	20%	2	20%	0	0%	0	0%	0	0%
9. Villa Celestial	7	35%	4	20%	1	5%	0	0%	5	25%	1	5%
10. Sta. Maria	7	43%	0	0%	0	0%	0	0%	0	0%	5	25%
11. Meygan	1	11%	0	0%	1	11%	3	33%	1	11%	3	33%
12. Balugo	3	12%	8	33%	0	0%	6	25%	3	12%	0	0%
13. Maliwanaq	2	8%	8	30%	0	0%	4	15%	6	4%	3	11%
14. Romo	7	18%	18	46%	1	3%	8	20%	1	3%	4	10%
15. Bonbon	2	25%	1	13%	0	0%	0	0%	0	0%	5	62%
16. Sta. Brigidita	7	35%	2	10%	2	10%	4	20%	4	20%	1	5%
17. Panaytayan	9	13%	13	19%	1	2%	28	41%	2	5%	0	0%
Total Per Method	96		81		28	102	52	43	35			
Percent Total For Method												
Total No. of Users	21.91		18.49		6.39	23.28	11.87	9.81	8.21			
Sources	10:00											

H. Resource Profile

a. Health

1. Number of available personnel in the field/type/functions

---

CATEGORIES	:	GOVERNMENT	:	PRIVATE
A. Physicians	:	2	:	
B. Nurses	:	2	:	
C. Dentists	:	1	:	
D. Midwives (Rural Health Unit)	:		:	
E. Sanitary Inspector (Rural Health Unit)	:	1	:	

---

Source: RHU

---

F. Other Manpower	Number (Only Private Hospital)
1. Physicians	-
2. Nurses	-
3. Dentists	-
4. Midwives	-
5. Nutritionist	-
6. Pharmacists	-

---

Source: RHU

2. Distribution of Health Facilities by Barrios

TABLE XVII  
Existing Health Facilities (Year 1982 )

BARANGAY	HOSPITAL	RHU	DISPENSARY	HEALTH CENTER	CLINIC	DRUG STORE	TOTAL
1. Balugo	:	:	:	:	:	:	:
2. Roma	:	:	:	x	:	:	1
3. Sta. Maria	:	:	:	:	:	:	:
4. Maliwanag	:	:	:	:	:	:	:
5. Bonbon	:	:	:	:	:	:	:
6. B. del Mundo	:	:	:	x	:	:	1
7. Villa Celestial	:	:	:	:	:	:	:
8. Wasig	:	:	:	:	:	:	:
9. Sta. Brigida	:	:	:	:	:	:	:
10. Budburan	:	:	:	:	:	:	:
11. Manaul	:	:	:	x	:	:	1
12. Cabalwa	:	:	:	:	:	:	:
13. Panaytayan	:	:	:	:	:	:	:
14. Cagulong	:	:	:	:	:	:	:
15. Poblacion	x	x	:	:	:	:	2
16. Teresita	:	:	:	:	:	:	:
17. Waygan	:	:	:	:	:	:	:
<b>TOTAL</b>	<b>1</b>	<b>1</b>		<b>3</b>			<b>5</b>

Source: RHU

NOTE: Manaul, Roma, & B. del Mundo - Temporary Health Center

3. Medical Service Sector

a. Health Facilities	Private	Public	Total
1. Hospitals			
Number of hospitals	—	1	1
Number of beds	—	—	—
b. Other Health Facilities		Number	
Rural Health Units		1	
Barangay Health Stations		—	
Medical Clinics: private		—	
government		—	
Nutrition Centers		—	
Family Planning Units		1	
Day Care Center		2	

Source: RHU, RCH

B. Family Planning

TABLE XIX  
FAMILY PLANNING WORKERS (YEAR 1982)

CATEGORY	NUMBER	REMARKS
District Population Officer	1	: DPO for District V - Roxas, Mansalay, Bulalaca
Full Time Outreach Workers	1	: Vacant position for FTOW waiting for appt.
Barangay Supply Point Officers	27	: Panaytayan has no BSPO yet
TOTAL	29	

Source: PCFCG

TABLE XX  
Number of Barangay Supply Point Officers Per Barangay  
(Year 1982)

BARANGAY	NUMBER	REMARKS
1. Poblacion	2	
2. Teresita	2	
3. Waygan	1	
4. Cagulong	3	
5. Cabalwa	1	
6. Manaul	2	
7. Budbaran	1	
8. Panaytayan	0	: Area of minorities
9. B. del Mundo	3	
10. Wawig	1	
11. Villa Celestial	1	
12. Sta. Brigida	2	
13. Sta. Maria	2	
14. Balugo	1	
15. Rona	2	
16. Maliwanag	2	
17. Bonbon	1	
TOTAL	27	

Source: PCFCG



C. Social Services

1. Number of available personnel in the field

CATEGORY	NUMBER	REMARKS
Social Worker	1	Covering Three (3) municipalities
Day Care Worker	1	Inactive

Source: MSSD

2. Number of Day Care Centers: 2

Source : MSSD

3. Location of Day Care Centers

LOCATION	NUMBER	REMARKS
Teresita	1	Inactive
B. del Mundo	1	Inactive

Source: MSSD

4. Number of SEAP Beneficiaries: 8 (From 1980)

Source: MSSD

5. Types of SEAP Projects ( Please Check )

- a. gardening \_\_\_\_\_
- b. blacksmithing \_\_\_\_\_
- c. buy and sell \_\_\_\_\_ **x**
- d. animal raising \_\_\_\_\_
- e. sari-sari store \_\_\_\_\_ **x**
- f. piggery \_\_\_\_\_
- h. knitting and dressmaking \_\_\_\_\_

Source : NS3D

I. Others ( Please check if existing )

- 1. There are roving farm technicians and home management technicians from the Ministry of Agriculture. \_\_\_\_\_ **x**
- 2. There are private agencies who serve the barangays. \_\_\_\_\_ **x**
- 3. There is Municipal Development Officer. \_\_\_\_\_ **x**

TABLE XX  
Agencies with Communications Facilities ( Year 1982 )

NAME OF AGENCY	TYPE OF COMMUNICATION	AREA SERVICES
Integrated National Police	FLECS (Inactive)	15 municipalities
Telecom		Calapan-Mansalay
Falcon Minerals, Inc. (Private)	Radiophone (Inactive)	Mansalay-Manila

Source : Local Government

TABLE XXI  
Information Media

	Municipal Stations	Station Outside Municipality
1. Number of radio stations whose broadcast can be received locally	-	14
2. Number of T.V. stations whose telecast can be received locally	-	
3. Local/Community Papers		
4. National papers available in the Municipality		
- Bulletin Today		
- Times Journal		
- Daily Express		
- Others (Please identify)		

Source:

TABLE XXII  
Communication Facilities

	Private	Government
1. Number of telephone companies serving the area	-	-
2. Number of telephone connection		
Total		
Residential		
Business/Commercial		
Telegraph		
Telex		
3. Number of Postal Offices		1
4. Number of Mail Carriers		4

Source: Post Office

(7) Tiwi 町

I - ENVIRONMENTAL ANALYSIS

1. A. Population	B. Land Area	C. No. of Barangays
28,748	10,750 Has.	25

2. Sources of Income

Farming  
Fishing  
Cottage Industries

3. Manpower Resources

MSSD - 10  
RHN - 15  
NPPPOP- 3

4. Road, Transportation, Communication, Electricity, etc.

1. Road	2. Communication	3. Electricity
national provincial municipal & barangay	postal service telegrams	Geothermal

5. Health and other Social Services

1. Medical Care
2. Maternal and Child Health Care
3. Nutrition
4. Family Planning
5. Control of Communicable Diseases
6. Expanded Immunization Program
7. Environmental Sanitation

I --(6) PRE-IN SCHOOL POPULATION

Pre-School - 6,295                      In School Population - 5,306

I --(7) Nutritional Status of Pre- & In School & Pregnant

Pre-School

<u>Total No. of Children Weighed</u>	<u>Severely/%</u>	<u>Moderate/%</u>	<u>Mild/%</u>	<u>Normal/%</u>
4964	107/2.16	973/19.60	2225/44.82	1418/28.57

Overweight

241/4.85

In School

<u>Total Enrollment</u>	<u>Normal</u>	<u>1st Degree</u>	<u>2nd Degree</u>	<u>3rd Degree</u>	<u>Overweight</u>	<u>TOTAL</u>	<u>Underweight</u>	<u>TOTAL</u>
5324	: 2048	: 2007	: 1142	: 109	: 18	: 5324	: 3258	: 5306

Pregnant: 1239

RURAL HEALTH UNIT - Tiwi, Albay

I-8. Crude Birth Rate

1971-75 = 36.08

1976-80 = 41.7

I-9. Rate of natural increase

1971-75 = 39.08 birth

- 6.2 death

---

29.88

1976-80 = 41.7 birth

3.5 death

---

33.2

I-10. Crude death rate

1971-75 = 6.2

1976-80 = 3.5

Pre-school population - 6,295

In-school population -

I-11.

~~EE~~ Leading causes of mortality

Causes	Number	Rate
Brconhopneumonia	45	15.22
Cardio Vascular Accident	22	7.44
Pulmonary Tuberculosis	19	6.42
Prematurity	14	4.73
Malignancy	10	3.38
Senility	9	3.04
Mycordial infarction	9	3.04
Congestive Heart Failure	8	2.7
Gastroenteritis	6	2.02
Septecemia	5	1.69
T o t a l - - - - -	147	49.7

12. Leading causes of infants mortality rate

	1978		1979		1980		1981		1982	
1. Bronchopneumonia	: 50	: 37	: 42	: Bronchopneumonia	: 45	: Bronchopneumonia	: 42	: Bronchopneumonia	: 42	: 29
2. PTB	: 27	: PTB	: 35	: CVA	: 33	: PTB	: 42	: PTB	: 29	
3. Septicemia	: 14	: CVA	: 22	: PTB	: 28	: CVA	: 24	: CVA	: 15	
4. CHF	: 12	: CHF	: 17	: CHF	: 21	: CHF	: 14	: Shock hemorrhage	: 12	
5. Malignancy	: 10	: Gastroenteritis	: 14	: congenital debility	19	: Prematurity	: 11	: CHF	: 12	
6. Still Birth	: 10	: Cardio resperatory arrest	: 13	: Prematurity	: 9	: Gastroenteritis	: 9	: Still Birth	: 10	
7. CVA	: 9	: acute bronchietis	: 13	: Senility	: 8	: hemorrhage	: 8	: malignancy	: 10	
8. Senility	: 8	: Senility	: 11	: malignancy	: 7	: Still birth	: 7	: Senility	: 9	
9. congenital debility	: 7	: Still birth	: 9	: Bronchietis	: 7	: meningitis	: 6	: Gastroenteritis	: 8	
10. Gastroenteritis	: 5	: malignancy	: 9	: meningitis	: 6	: acute Int. OBstruction	: 6	: meningitis	: 7	
	:	:	:	:	:	: a-dysentery	:	:	:	
	:	:	:	:	:	: Myocardial infarction	:	:	:	



13 - Water & Toilet Facilities

13.1 Municipal Water work system - I

2 Barangay Water work system - 23

3. Public Well

<u>Deep</u>	<u>Shallow</u>
-------------	----------------

82	105
----	-----

4. Private well

<u>Deep</u>	<u>Shallow</u>
-------------	----------------

0	41
---	----

5. Public Spring - - - - - 45

13.2 - Percentage of household with sanitary toilets

No. of HA.A	<u>Flush</u>	<u>H<sub>2</sub>O</u>	<u>Antipolo</u>	<u>Pitprivy</u>
	septic	sealed		

4760	262	1247	223	434
%	5.5%	26.1%	4.6%	9.1%

	<u>with toilet</u>	<u>without toilet</u>	<b>Toilet</b>
	3166	1594	for improve-
%	66.5%	33.4%	ment
			657
			13.8%

## FAMILY PLANNING

The National Population on Family Planning Outreach Project (NPFPOP) started on May, 1977 with the training of the outreach personnel and the Full Time Outreach Workers (FTOW).

In the Municipality of Tiwi two FTOW's were assigned. During the first seven months (July to December) the FTOW's conducted a survey to identify the number of married couple with reproductive age (MCRA) and establish the Barangay Service Point Officer (BSPO).

The following are the status in the Municipality of Tiwi for five years, 1978-1983 based on Service Delivery Information Service by the FTOW's.

## 14. Family Planning

## 14.1 Prevalence rate (5 years)

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
1. Prevalence rate	46%	35%	24%	29%	32%	27%
2. Barangay covered	9	15	15	18	25	25
3. MCRA's identified	735	1,186	1,226	1,620	2,723	3,007
4. Current user's	339	417	298	482	893	1,132

## 14.2 Number of continuing acceptors per method as of August, 1983

Female sterilization - - - - -	89	
male sterilization - - - - -	4	
IUD - - - - -	26	MCRA's - - - - - 3,007
Fill - - - - -	134	
Condom - - - - -	194	
Rhythm - - - - -	539	
other methods - - - - -	155	

## 14.3 New acceptors by method: as of August, 1983

Condom - - - - -	7
Rhythm - - - - -	13
Others - - - - -	1

I -(15)

LEADING CAUSES OF MORBIDITY AMONG INFANTS

Leading Causes of Infant Morbidity - 1982

		<u>Rate</u>
Bronchopneumonia	- 19	15.8
Gastroenteritis	- 5	4.1
Congenital Heart Defect	- 3	2.6
Congenital Anomaly	- 2	1.6
Septicemia	- 2	1.6
Bronchitis	- 1	0.8
TB of the Bone	- 1	0.8
Drowning	- 1	0.8
Prematurity	- 1	0.8
	<hr/>	<hr/>
	35	28.9
	<hr/>	<hr/>

BRIEF RESOURCE ANALYSIS OF THE MUNICIPALITY OF SORSOGON

PHYSICAL FEATURES

The municipality of Sorsogon is in the Province of Sorsogon which lies at 122° - 124° longitude East and 12° - 14° latitude North. The town is found on the western seaboard facing the China Sea.

It is bounded on the North by the Municipality of Bacon; on the south by the municipality of Casiguran; on the West by an extension of the China Sea, Sorsogon Bay and on the east by the Municipality of Gubat. The population of Sorsogon lies on the estuary of Salog River on a valley-like area whose back rests on a small mountains and whose front faces the bay.

One of the factors which makes Sorsogon a traditionally depressed area is its location within the typhoon belt. Funds which could have been spent for developmental projects have to be siphoned off for the repair of damages wrought by typhoons.

The climate of Sorsogon is said to be of Type 2 which has no pronounced dry season but a very pronounced maximum rain period from November to January. Precipitation starts during the latter half of September or the early part of October. Annual rainfall average, based on the figures of monitoring stations in Juban and Castilla, is 110.03 inches with a reported 156 rainy days.

The prevailing winds during the months of May to November come from NE-ENE direction (Amihan), while during the period June to October, SW-WSW Winds (Habagat) prevail.

The town is suspected to be lying along a seismic fault. The occurrence of two strong quakes in the past seems to confirm it.

Sorsogon has an area of 14,500 hectares or 6.77 per cent of the total land area of the Province. It is centrally located and easily accessible by first class (concreted) roads from the eight municipalities. From the other towns of the province, Sorsogon is accessible by second class roads which finally link up with the main communication artery, the Philippine-Japan Friendship Highway. In terms of accessibility from Manila, Sorsogon could be reached via South Road in 10-14 hours depending on the cruising speed of the vehicle used. By train, the trip takes around 14 hours at the least which includes a bus connection from Camalig or Ligao. By air, the travel time is 1 hour and 15 minutes. Passengers and cargo from the Manila North Harbor reach Sorsogon after around 33 hours of travel.

The existing situation with regards land, sea and air travel are:

1. With the completion of the South Road, overland travel by car, be they for cargo or passengers, have been the preference because of the regularity and low cost. Less and less passengers are availing of the train service because of the inconvenience of the bus connection and the longer time to get there.
2. The limited depth of Sorsogon Bay serves as a deterrent to its use as a docking area for inter-island vessels. Even trips from Manila carrying consumer goods are getting infrequent and follow a very erratic pattern.
3. Sorsogon used to be accessible from Manila when the airport located at the outskirts of the Municipality has not yet fallen into disrepair.

**I. ENVIRONMENTAL ANALYSIS:**

1. Population based on 19<sup>90</sup> census and land area  
 Population - 19<sup>90</sup> census - 60,574  
 Land Area - 14,500 Hectares  
 No. of barangays - 36

2. Source of income and annual income  
 Sources:

1. Property Taxes - Current
2. Property Taxes - Previous
3. Property Taxes - Penalty
4. Business Taxes and Licenses
5. Occupation Tax
6. Franchise Tax
7. Fines and Penalties (Licenses)
8. Immigration Tax (Alien)
9. Residence Tax Share
10. Other Misc. Taxes
11. Share from BIR
12. Government Services
13. Government Bus. Operation
14. Rents
15. Fines, Penalties, Judicial
16. Miscellaneous
17. Other Receipts
18. Grants and Aid

Annual Income - ₱ 2,393,936.04 - Current Year

3. Road, Transportation, Communication, Electricity and Other Facilities.

<u>Road</u>	<u>Length</u>
National Road -	32.017 Kms.
Provincial Road -	1 <sup>9</sup> . <sup>90</sup> Kms.
Municipal Road -	20.914.47 Kms.
Barangay Road	39.3 <sup>92</sup> Kms.

Transportation

Land Transport Facilities

Indicate vehicle types, routes (origin and destination points)

<u>Types</u>	<u>Routes</u>
1. Buses ( P.U.B. JB Line)	Sorsogon to Manila
2. Jeepneys (PUJ)	Sorsogon to Legazpi
3. Motorcycles/tricycles (MCH, MTC)	Within the municipality

<u>Communication</u>		<u>Private</u>	<u>Government</u>	<u>Total</u>
No. of Telephone Connection				
A.	Total	none	30 <sup>9</sup>	30 <sup>9</sup>
B.	Residential	none	135	135
C.	Bus. Commercial	none	173	173
D.	Actual Capacity (No. of Lines)	none	300	300
E.	No. of Telegraph Offices	2	1	3
F.	No. of Telex Offices	3	2	5
G.	No. of Postal Station	none	1	1
H.	No. of Mail Carrier	none	17	17

Electricity

Available supply from local power Sorsogon Electric Cooperative (SORECO II).

A) Specific Areas Served

All barangays of Sorsogon except barangays Marinas and Buenavista.

B) Estimated Population served with electricity - 59,435

C) Estimated no. of Household served in the municipality - 10,053

4. Manpower resource, both government and private, in the delivery of economic and social services e.g. No., of Physicians, midwives, MSSD worker, etc.

No. of Physicians - 27  
No. of Nurses - 33  
No. of Midwives - 13  
No. of Nutritionist - 2  
No. of Pharmacist - 5  
No. of MSSD Worker - 4

5. Health and Other Social Services/Facilities

Hospitals  
Rural Health Units  
Barangay Health Stations  
Medical Clinics  
Nutrition Centers  
Family Planning Units  
Day Care Centers  
Barangay Nutrition Scholar  
Botika sa Barangay

6&7. Nutritional Status of Pre and In-school and Pregnant Mothers

10,169 - No. of preschool children  
3,999 or 39.33% 1st Degree (Mild Underweight)  
1,475 or 14.51% 2nd Degree (Moderate Underweight)  
301 or 2.95% 3rd Degree (Severe Underweight)  
3,972 or 38.14% Normal  
516 or 5.07% Overweight

11,920 - No. of School Children  
4,765 or 40.31% 1st Degree (Mild Underweight)  
3,761 or 31.92% 2nd Degree (Moderate Underweight)  
466 or 3.94% 3rd Degree (Severe Underweight)  
2,651 or 22.43% Normal  
177 or 1.50% Overweight

<u>Barangays</u>	<u>Pregnant</u>	<u>Lactating Mothers</u>
36	399	944

8. Crude Birth Rate ( 5 years)

1978	-	39.88
1979	-	44.30
1980	-	41.45
1981	-	46.78
1982	-	39.48

9. Rate of Natural Increase (RNI)

1978	-	3.41
1979	-	3.08
1980	-	3.00
1981	-	3.37
1982	-	2.67

10. Crude Death Rate ( 5 years)

1978	-	11.41
1979	-	13.11
1980	-	10.68
1981	-	12.02
1982	-	12.46

11. Leading Causes of Mortality

1. Bronchopneumonia
2. Pulmonary Tuberculosis
3. Cerebro Vascular accident
4. Gastroenteritis
5. Hemorrhage
6. Malnutrition
7. Febrile Convulsion
8. Abdominal Pathology
9. Meningitis
10. Rheumatic Heart Disease

12. Leading Causes of Infant Mortality

1. Bronchopneumonia
2. Prematurity/Congenital Debility
3. Malnutrition
4. Febrile Convulsion
5. Meningitis
6. Intestinal Obstruction
7. Tetanus Neonatorum
8. Congenital Heart Disease
9. Hydrocephalus
10. Asphyxia Neonatorum

13. Water and Toilet Facilities

A. percentage of Households with potable water source - 60.96 %  
or 6,246 Households

B. percentage of Households with sanitary toilets - 71 % or 7,274 H.H.

14. Family Planning

14.1 Pre-natal Rate:

1979	-	26.50%
1980	-	33 %
1981	-	34 %
1982	-	38.65%
August 1983	-	46.67%

14.2 Number of CU method as of September 1983

Female Voluntary Surgical Sterilization	-	276
Male Voluntary Surgical Sterilization	-	22
IUD		277
Pills		923
Condom		319
Rhythm		717
Others		47
TOTAL		<u>2,581</u>

14.3 New Acceptors by methods (Outreach)

Sterilization	-	1
IUD	-	0
Pills	-	13
Condom	-	11
Rhythm	-	2
Others	-	<u>1</u>
TOTAL		28

August 1983

CU	-	2,579
MCRA	-	5,525
Prevalence Rate	-	46.67

15. Leading Causes of Morbidity

1. AURTI
2. Parasitism
3. Diarrheal Disease
4. Anemia
5. Avitaminosis
6. Hypertension
7. Gastritis
8. P.T.BA
9. Myalgia
10. Wound (aal types)

16. Parasite Infection

As experienced during the deworming activities in the six pilot barangays: Balogo, Buhatan, Abuyog, Pamurayan, Ticol and Capuy; three types of worms were prevalent among the examined specimens. They are hookworm, ascaris and trichuris. Accidentally, the team found a case of amoebiasis in Barangay Buhatan. The result of the deworming activities on the six (6) pilot barangays, out of the 3,489 stools examined, 2,583 or 74.03% were found positive and 906 or 25.97 were negative.



(9) Gubat [M]

I -- ENVIRONMENTAL ANALYSIS

1. Population (1980) 43,866 No. of Barangay: 42

Land Area: 10,420 hectares

2. Annual Income (1982) ₱ 1,346,578.97

Sources:

A. General Fund	
Taxation	- ₱ 559,983.94
Misc. Revenue	- 376,092.51
Grants, Aids	- <u>7,090.00</u>
Total	- <u>₱ 943,146.45</u>

B. InfraStructure Fund	
Specific Tax	- <u>₱ 403,432.52</u>
TOTAL INCOME	- <u>₱ 1,346,578.97</u>

3. Boundaries

Gubat is bounded on the north by the municipalities of Bacon and Prieto-Diaz; on the west by Casiguran and on the south by Barcelona; on the east by Pacific ocean.

4. Roads:

13.70 kms	= Municipal Roads-asphalted
95.85 kms	= Barangay Roads - gravel and sand road
41.745 kms	= Provincial Roadwith gravel and asphalt pavement
11 kms	= Cemented National Road

5. Port Facilities

Complementary to land transport is air and sea transport. For sea transport the construction of the Gubat Port is an on-going project of the MPWH.

6. Communication

1. Telephone system within the Poblacion only.
2. Government Post Office
3. Telegraph
  - a) Bureau of Telecom
  - b) RCPI - (Private)

7. Power

Existing power supply in the municipality comes from the SORECO II-NPC. Out of the 42 barangays there are thirty four (34) barangays energized or 81% and eight (8) barangays or 19% was still unenergized.

8. Water Supply

Potable water is essential to the health of the community. Of the 7,120 households, 3,204 or 45% are served by potable water coming from the three (3) barangay waterworks and one (1) water district in the poblacion, 2,136 or 30% developed springs and 1,780 or 25% artesian wells constructed by MFWH, and other implementing agencies.

9. Manpower Resources

	Public	Private	Total
1. Physician-Surgeon	5	4	9
2. Nurses	6	2	8
3. Midwives	10	8	18
4. Sanitary Inspector	1	0	1
5. Dentist	1	2	3
6. Social Worker	1	0	1
7. Day Care Workers	30	0	30
8. Nutritionist-Dietician	1	3	4
9. Vaccinator	1	0	1
10. FTOW	56	19	75
	3	0	3

10. Occupational Status (ten year old and over in labor force)

Agricultural labor	= 9,274	= 32.33%
Non-Agricultural	= 2,107	= 7.34%
Never worked before not in the labor force	= 17,306	= 60.33%
Total	= 28,687	= 100.00%

11. Health Facilities

	Unit	Bed Capacity
1. Gubat District Hospital	1	25
2. RHU	1	None
3. Private Clinic	4	None
Total Facilities	6	25
4. Barangay Health Station	7	

12. Health Services Offered

1. Gubat District Hospital - Minor Surgical Operator and General Medicine
2. Villarroya's Clinic - General Medicine
3. Euben E. Lelis Clinic - do -
4. Romeo Lelis Clinic - do -
5. Hermo's Clinic - do -
6. Rexie Optometric Clinic - Optical Services
7. Falcotelo's Dental Clinic - Dental Services
8. Espinol's Dental Clinic - Dental Services

Republic of the Philippines  
Municipality of Gubat  
Sorsogon

10 LEADING CAUSES OF MORTALITY --ALL AGES

1982	No.	Rate
1. Bronchopneumonia	32	66.82
2. P T B	24	50.11
3. Acute Bronchitis	14	29.23
4. Cardio Respiratory Failure	9	18.79
5. Gastro Enteritis	8	16.70
6. Anemia (Severe)	6	12.52
7. C V A	5	10.44
8. Hypatitis	5	10.44
9. Tetanus	2	4.17
10. Peptic Ulcer	2	4.17

Source: Rural Health Unit

10 LEADING CAUSES OF INFANT MORTALITY

1982	No.	Rate
1. Bronchopneumonia	6	12.52
2. Acute Bronchitis	4	8.35
3. Prematurity	4	8.35
4. Respiratory Failure	3	6.26
5. Asphyxia	1	2.08
6. Malnutrition	1	2.08
7. Meningitis	1	2.08
8. Tetanus	1	2.08
9. Sepsis Neonatorum	1	2.08
10. Chronic Liver Disease	1	2.08

Source: Rural Health Unit

10 LEADING CAUSES OF INFANT MORTALITY

1982	No
1. A. Bronchopneumonia	3
2. A. Bronchitis	2
3. Tetanus Neonatorum	2
4. Ileus Secondary to Amoebic Colitis	1
5. R H D R/ O Leukemia	1
6. Still Birth	1
7. Cardio Respiratory Arrest Secondary to Septicimia	1
8. Cardio Respiratory Arrest Secondary to Paralytic Ileus	1
9. Multiple Congenital Malformation Encephalocele	1
10. Viral Hepatitis Fulminating	1

Source: Gubat District Hospital

10 LEADING CAUSES OF MORTALITY (1982)

	No.
1. Heart Disease	11
2. PTB - Koch's Pulmonary	10
3. Electrolyte Imbalance Acute Gastroenteritis with Severe Dehydration	6
4. Post-Measles Bronchopneumonia	6
5. Shock Secondary to G.I. bleeding	6
6. Encephalitis	5
7. CVA probably Hemorrhage	3
8. Bronchitis with Febrile Convulsion	3
9. Chronic Nephritis	3
10. Asphaxia Secondary to Drowning	3

Source: Gubat District Hospital

<u>CRUDE BIRTH RATE</u>		<u>CRUDE DEATH RATE</u>	
1977	= 39	1977	= 8.3
1978	= 37.9	1978	= 7.72
1979	= 35.59	1979	= 8.12
1980	= 35.62	1980	= 7.15
1981	= 31.18	1981	= 7.97
1982	= 29.99	1982	= 7.09

10 LEADING CAUSES OF MORBIDITY

	( URI )	NO.	RATE
1. Upper Respiratory Infection		222	463.59
2. LIM		133	277.73
3. PTB		128	267.29
4. Parasitism		121	252.67
5. Anemia		110	229.70
6. Influenza		102	213.00
7. Bronchitis		90	187.54
8. Bronchopneumonia		88	183.76
9. Allergy		54	112.75
10. Dermatitis		28	58.47

Source: Rural Health Unit

WATER AND TOILET FACILITIES

A. WATER FACILITIES:

1. Water District	= 1
2. Deep Well pumps	= 338
3. Shallow Wells	= 564
4. Improved Springs	= 6
5. Dug Wells	= 87
6. Unimproved Springs	= 119

B. TOILET FACILITIES

Total Households	= 7,920
Households w/toilets	= 4,270
Households w/out toilet	= 3,456
% of households with water-sealed toilets	= 54%

FAMILY PLANNING

PREVALENCE RATE:

1978	=	22.8
1979	=	28.4
1980	=	28.8
1981	=	35.8
1982	=	38.0

Continuing Acceptors Per Method as September, 1983

Female Sterilization	=	193
Male Sterilization	=	15
I U D	=	450
Pills	=	726
Condom	=	212
Rhythm	=	354
Others	=	116
Total	=	<u>2,066</u>

NEW ACCEPTORS BY METHOD  
as of Sept. 30, 1983

	: PPO	: IMCH	: GREAT DIST. HOSPITAL	: TOTAL Referral
Female Sterilization	: 2 Referral	: 0	: 1	: 2 & 1 Accepter
Male Sterilization	: 0	: 0	: 0	: 0
IUD	: 6	: 8	: 0	: 14
Pills	: 14	: 7	: =	: 21
Condom	: 12	: 2	: =	: 14
Rhythm	: 28	: 3	: =	: 31
Others	: 5	: 0	: -	: 5
<b>TOTAL</b>	<b>: 67</b>	<b>: 20</b>	<b>: 1</b>	<b>: 88</b>

PRE AND IN-SCHOOL POPULATION

Pre-school	=	9,324
In-School	=	7,965

NUTRITIONAL STATUS OF PRE-SCHOOL-IN-SCHOOL AND PREGNANT MOTHERS

Pre-school:

Normal	=	3,757
Ist Degree	=	2,533
2nd Degree	=	666
3rd Degree	=	113

In-School:

Normal	=	2,055
Ist Degree	=	3,276
2nd Degree	=	2,292
3rd Degree	=	273

# REPORTS ON DEWORMING/TREATMENT

AS OF SEPTEMBER 30, 1983

NAME OF BARANGAYS	POPULATION	PRE-SCHOOL	IN-SCHOOL	ADULT	POPULATION SERVED		POPULATION INFECTED		% POP. INFECTED VS POP. SERVED
						%		%	
TABI	1558	235	246	249	730	46	651	41	89
SN. IGNACIO	909	122	156	261	539	59.3	511	56.22	94.80
CARRIEDO	1108	165	269	310	744	67.14	674	60.83	90.59
PAYAWIN	1315	76	138	240	454	34.52	427	32.47	94.05
COGON	638	100	118	227	445	69.74	442	69.27	99.32
BERIRAN	612	53	91	141	285	46.56	263	42.97	92.28
TOTAL	6,140	751	1,018	1,428	3,197	7.28	2,968	6.76	92.0
	43,866	9,324	7,965	26,577					

MUNICIPAL BUDGET (HEALTH)

SOURCES: GENERAL FUND

1. Aid to Popcom	-	₱ 10,000.00
2. Nutrition Program	-	₱ 30,000.00
Honorarium-BNS	-	₱ 3,000.00
Day Care Workers	-	10,500.00
Travelling Expenses	-	3,000.00
Communication	-	200.00
Supplies	-	500.00
Other Services	-	12,800.00
3. 20% Community Development Fund	-	₱ 50,000.00
Nutrition, Family Planning Environmental Sanitation and other health related activities		
TOTAL BUDGET	-	<u>₱ 90,000.00</u>









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