

Malaybalay City Integrated Survey System

**By Herculano S. Ronolo, City Administrator
City Government of Malaybalay
Bukidnon, Philippines**

Presentation Outline

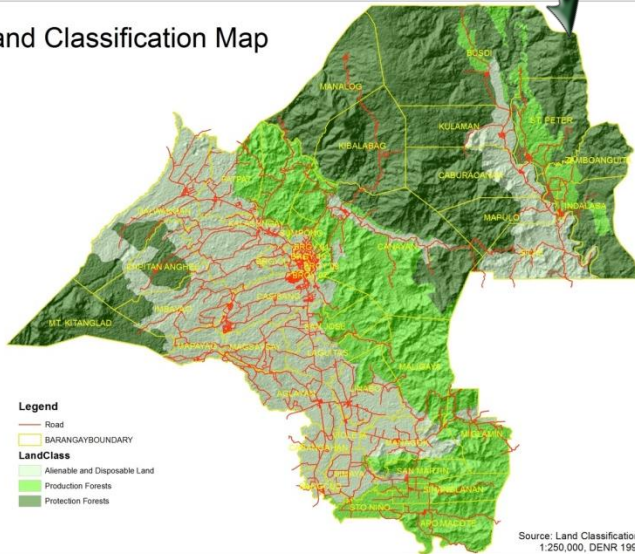
- A. Malaybalay profile**
- B. MISS: What it is about?**
- C. MISS: As An Empowering Tool**
- D. MISS: Collaborative**
- E. MISS: As a A Tool for Gender Responsive Budgeting**
- F. MISS: Issues, Concerns, and Lessons Learned**



Philippines



Land Classification Map



- Provincial Capital
- Land area = 108,258 hectares
– 65% Forestland
- 46 Barangays
- 155,427 Population
- 32,201 Households
- 2.19% Annual Pop'n growth rate; national is 1.90%

B. Malaybalay Integrated Survey System: What is it about?

Goal: bring about quality of life equities to its people

- **M.I.S.S. is the strategic approach in delivering services**
- **Defines the real context of its constituents**
- **Provides basis for equity benchmarking**
- **Facilitates responsive, transparent and target-focused programs**
- **Linked with other information systems of the LGU**



B. Malaybalay Integrated Survey System: What is it about?

- **Conceptualized in the last quarter of 2007**
- **Need for an up-to-date context-based planning platform**
- **Integrated into one survey tool all data-generation survey tools & context-defining questions**



B. Malaybalay Integrated Survey System: What is it about?

DEMOGRAPHY

POPULATION DEVELOPMENT

Filter Option

Barangay: 059-13-001 Start Date: 2011-07-01 End Date: 2011-12-31 VIEW

A. POPULATION

Male	Female	Total
2493	2644	5137

B. HOUSEHOLD POPULATION

1052

C. AVERAGE NUMBER OF PERSONS PER HOUSEHOLD

5

D. POPULATION DISTRIBUTION BY AGE GROUPS

Age Group	Male	Female	Total
Under 1 yr Old	46	55	101
1 - 2 yrs old	104	125	229
3 - 5 yrs old	143	147	290
6 - 12 yrs old	350	332	682
13 - 17 yrs old	212	238	450
18 - 19 yrs old	125	121	246
20 - 29 yrs old	517	536	1053
30 - 39 yrs old	350	337	687

E. VOTING POPULATION (18 yrs old_Above)

Male	Female	Total
1638	1747	3385

F. PREGNANT

57

Sex disaggregation

B. Malaybalay Integrated Survey System: What is it about?

Sample Important Data from MISS

Filter Option

Barangay: Start Date: End Date:

Page 1: **POPULATION WITHOUT HEALTH INSURANCE**
903

Page 2:

Page 3:

Page 4:

Indicator	Count
FAMILY PLANNING	
a. Family Planning and Married Women of Reproductive Age (MWRA) 15-49 yo	
1. MWRA (15-49 yo) had hysterectomy	3
2. Pregnant women	28
3. MWRA NOT using and NOT INTERESTED in using any family planning method	17
4. MWRA NOT using any family planning method BUT INTERESTED to use a TEMPORARY method	23
5. MWRA NOT using any family planning method BUT INTERESTED in tubal ligation (BTL)	0
6. MWRA NOT using any family planning method BUT partner INTERESTED in VASECTOMY	0
7. MWRA using a family planning method and SATISFIED with the methods she is using	276
8. MWRA using a family planning method but NOT SATISFIED with the method she is using	0
Total number of MWRA	347
FP METHODS USED BY CURRENT USERS	
Female Sterilization (Tubal Ligation)	36
Male Sterilization (Vasectomy)	2
Pill	96

2. Pregnant women - (28) found.

AID	AT58	Expected Date	Barangay	Purok	SID
45914	ENCABO, EDNA	04/04/2009	059-13-016	P04	016-P04-0039
45792	SUMALINDG, JULIETA	04/10/2009	059-13-016	P03	016-P03-0021
44825	PASULOHAN, LORNA	04/15/2009	059-13-016	P02-Calamba	N/A
46147	RAPANTA, REBECA	04/20/2009	059-13-016	P04	016-P04-0041
44716	ESTIL, REINA	04/21/2009	059-13-016	P02-Calamba	016-P02-0007
47789	CURAN, FIEN GRACE	04/23/2009	059-13-016	P07-Zures	016-P07-0009
47127	PACQUIOA, LEVIE	04/30/2009	059-13-016	P05	016-P05-0028
48153	TANDUYAN, NOEME	04/30/2009	059-13-016	P07-Zures	016-P07-0020
48181	REVIRA, JOAN	05/14/2009	059-13-016	P02-Calamba	016-P02-0057
44896	FABALATE, JULIETA	05/29/2009	059-13-016	P02-Calamba	016-P02-0053
43118	ETCUBAN, ARLENE	06/01/2009	059-13-016	P01	016-P01-0112
43381	PONTANAR, MARICEL	06/11/2009	059-13-016	P01	016-P01-0001
44259	DUMANDAN, GERLIE	06/15/2009	059-13-016	P02-Calamba	016-P02-0021
44541	ROSALES, NIMPA	06/23/2009	059-13-016	P01	016-P01-0034
48464	ADVENCULA, MADELYN	07/23/2009	059-13-016	P01	N/A
46431	DANIEL, CHONA	07/25/2009	059-13-016	P05	N/A
46809	ANUNCIADO, ANALLUZ	07/29/2009	059-13-016	P05	N/A
48119	MOLO, MELBA	08/05/2009	059-13-016	P07-Zures	016-P07-0022
48451	AJA, JULIETA	08/2009	059-13-016	P03	016-P03-0055
43851	ORATE, MANILYN	08/31/2009	059-13-016	P01	N/A
48470	BANDRIA, EMELYN	09/10/2009	059-13-016	P05	016-P05-0066
46691	NALLA, EVELYN	09/15/2009	059-13-016	P05	N/A
45223	COLDIAN, MARIZ	09/20/2009	059-13-016	P03	N/A
43817	HAGUTIN, MERALYN	10/08/2009	059-13-016	P01	016-P01-0029
44213	GALIMA, CHARITY	12/19/2009	059-13-016	P02-Calamba	016-P02-0012

Source: MISS, CPDO



C. MISS: An Empowering Tool



MISS Integrated to GIS: Household Population

Malaybalay Integrated Survey System

Household Profile Questionnaire

A. TIMAAN

I. Lugar 1. Rural 2. Urban

II. Nahimutangan sa Panimalay

a. Probinsya: _____

b. Siyudad/Munisipyo: _____

c. Barangay: _____

d. Zone/Purok/Sitio: _____

e. BHS/BHC: _____

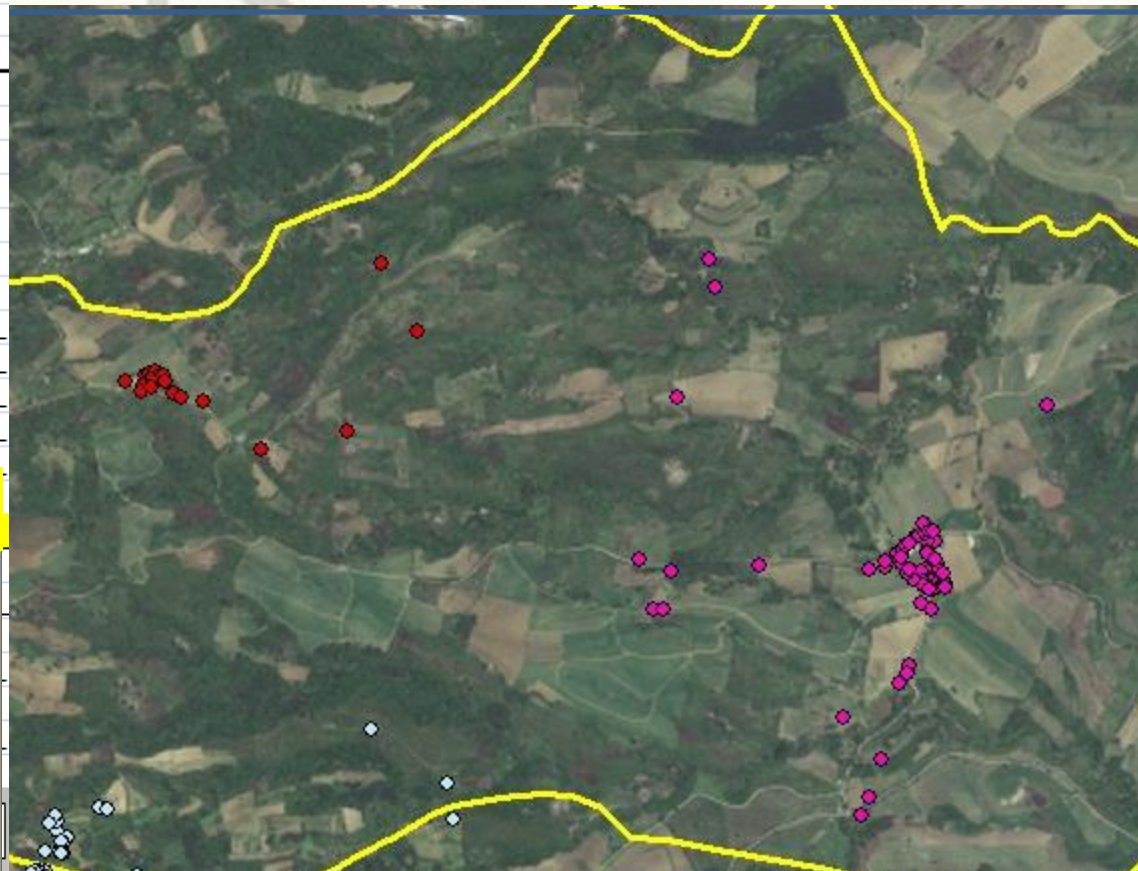
033-P01-0001

III. Timailhan nga Numero sa Panimalay:

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Scale Image



8 Members in a household

Name	Age	Sid	Barangay	Purok
PECHORA, CONCHITA	42	033-P01-0001	059-13-033	P01
PECHORA, WILMAR	19	033-P01-0001	059-13-033	P01
PECHORA, CHARITO	11	033-P01-0001	059-13-033	P01
PECHORA, CHARITO MAE	11	033-P01-0001	059-13-033	P01
PECHOAR, WINELYN	17	033-P01-0001	059-13-033	P01
PECHORA, WILLIAM	46	033-P01-0001	059-13-033	P01
PECHORA, ELDRED	4	033-P01-0001	059-13-033	P01

Attributes of Households w/ Access to Safe Drinking Water

Enumeration	Structure	Type	Loc. Name	
894226	033-P01-0001	Residential	Pechora	Will
894667	033-P02-0035	Residential	Deasis	Go
894206	033-P04-0003	Residential	Pechora	Lor
894202	033-P01-0002	Residential	Liston	Ru

D. MISS: Collaborative and done in Partnership with Stakeholders

Different activities of MISS done in collaboration/ partnership with stakeholders

- a) Drawing out departmental information needs
- b) Enumeration training for Barangay Health Workers
- c) Data gathering and development of computerized program
- d) Computer literacy training and encoding
- e) Processing of results
- f) Presentation and validation of reports
- g) Development planning
- h) Dissemination of results to users



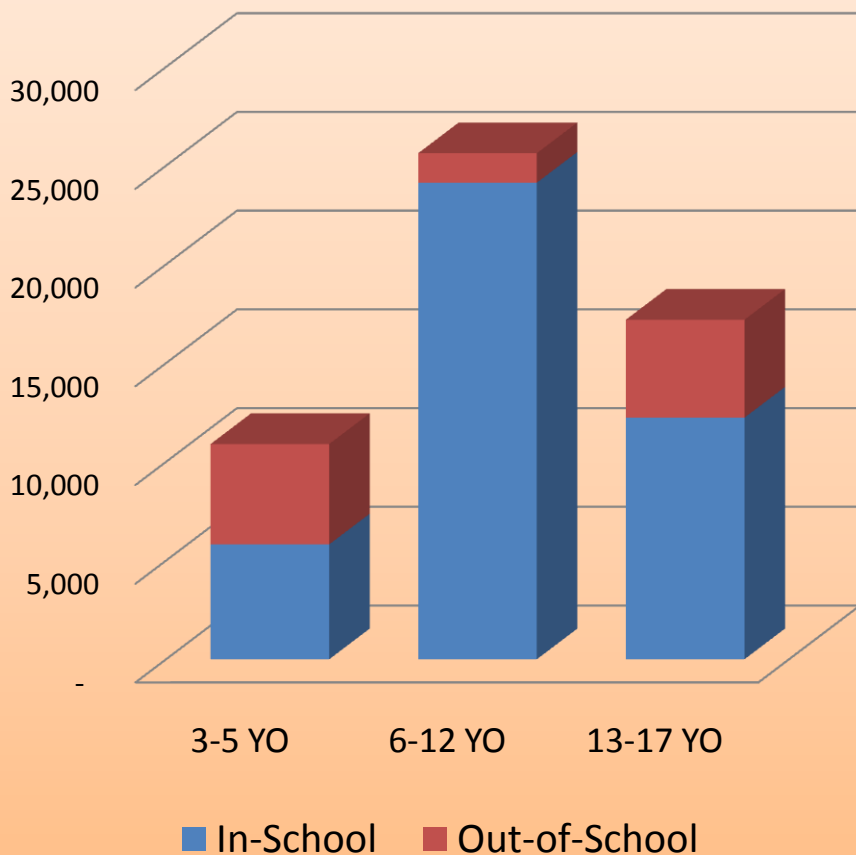
D. MISS: Uses and Evolution

- Preparation of the profiles and Barangay Development Plan of the 46 barangays of the city;
- Preparation of the city's Ecological Profile, which is also a valuable input for the formulation of the Comprehensive Land Use Plan and the Comprehensive Development Plan (CDP);
- Gender responsive budgeting
- Data analysis for Local Poverty Reduction Action Plan formulation;
- Disaster Risk Management
- Monitoring the LGUs' extent of accomplishment of the Millennium Development Goals.

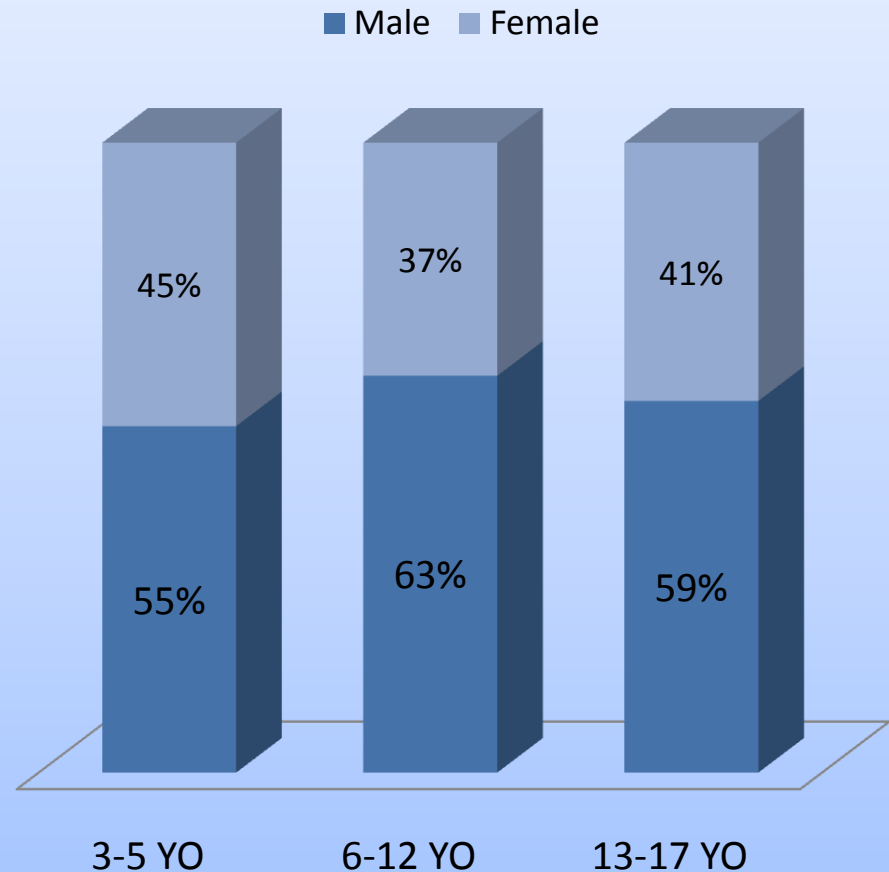


MISS: Tool for Resource Management

School Participation by Age Group

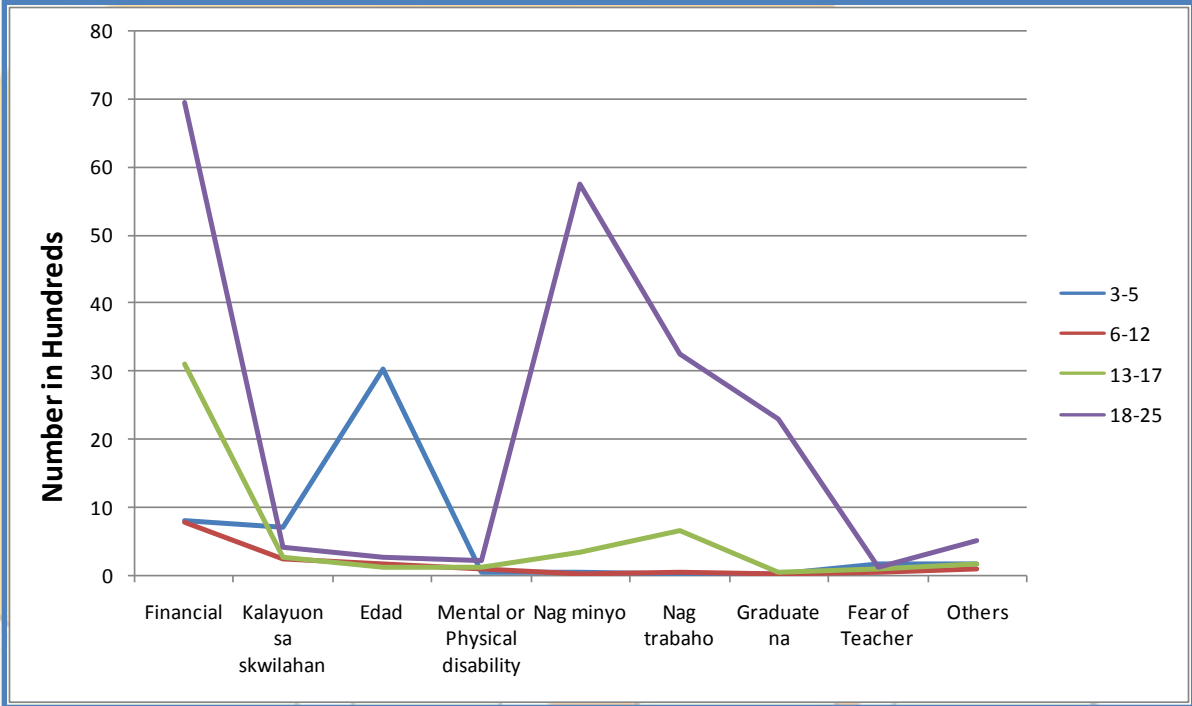


Sex Distribution of Out-of-School Children



MISS: Tool for Resource Management

REASONS FOR NOT IN SCHOOL



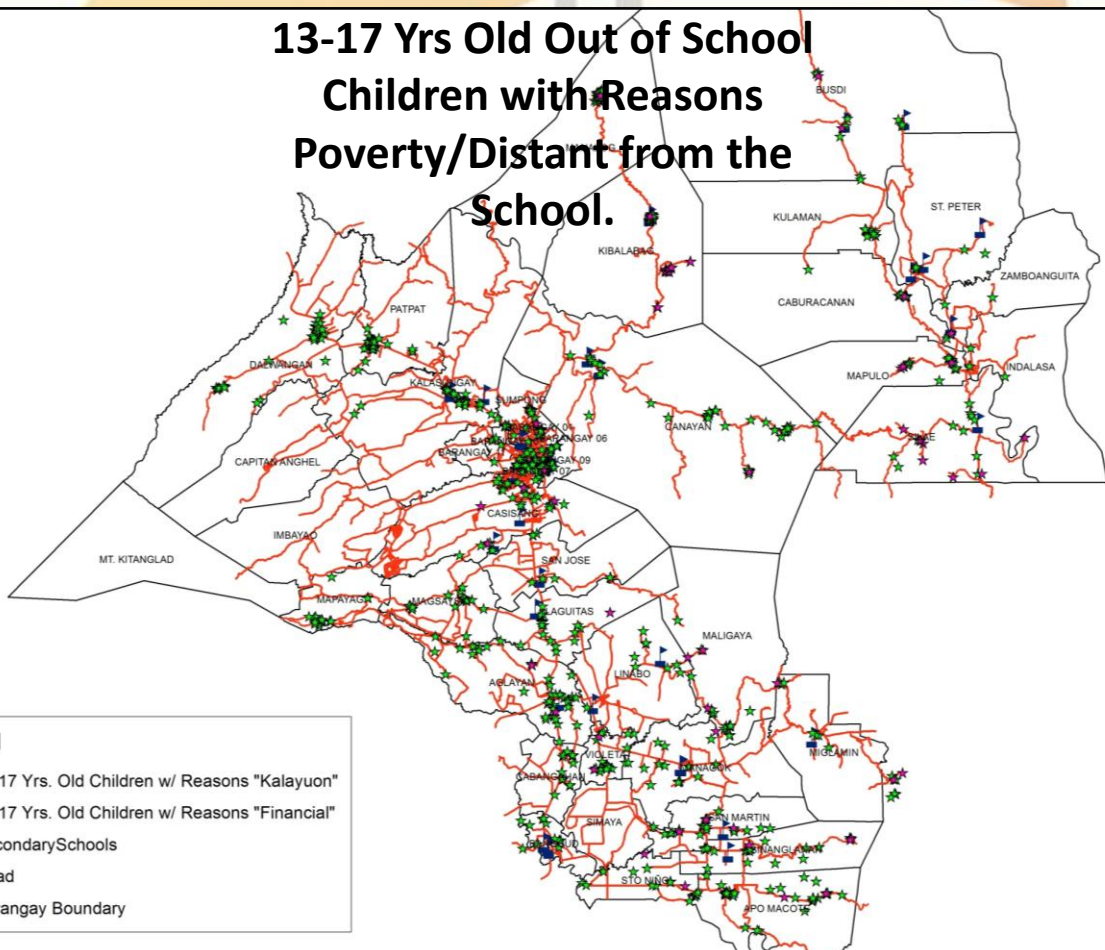
Percentage of 3 to 17 yrs old w/ Average Household Income Below Poverty Threshold 2010

Age Group	Below Poverty		% Total
	% Male	% Female	
3 to 5	35%	31%	66%
6 to 12	34%	31%	65%
13 to 17	33%	30%	63%



- 69.2% or or 2114 of 13-17 Yrs. Old who are not in school are already living-in or already married and are unemployed
- 12.19% or 1708 of 13-21 Yrs. Old not in School are getting pregnant
- 73% or 342 of them are with HH income below poverty threshold

13-17 Yrs Old Out of School Children with Reasons Poverty/Distant from the School.

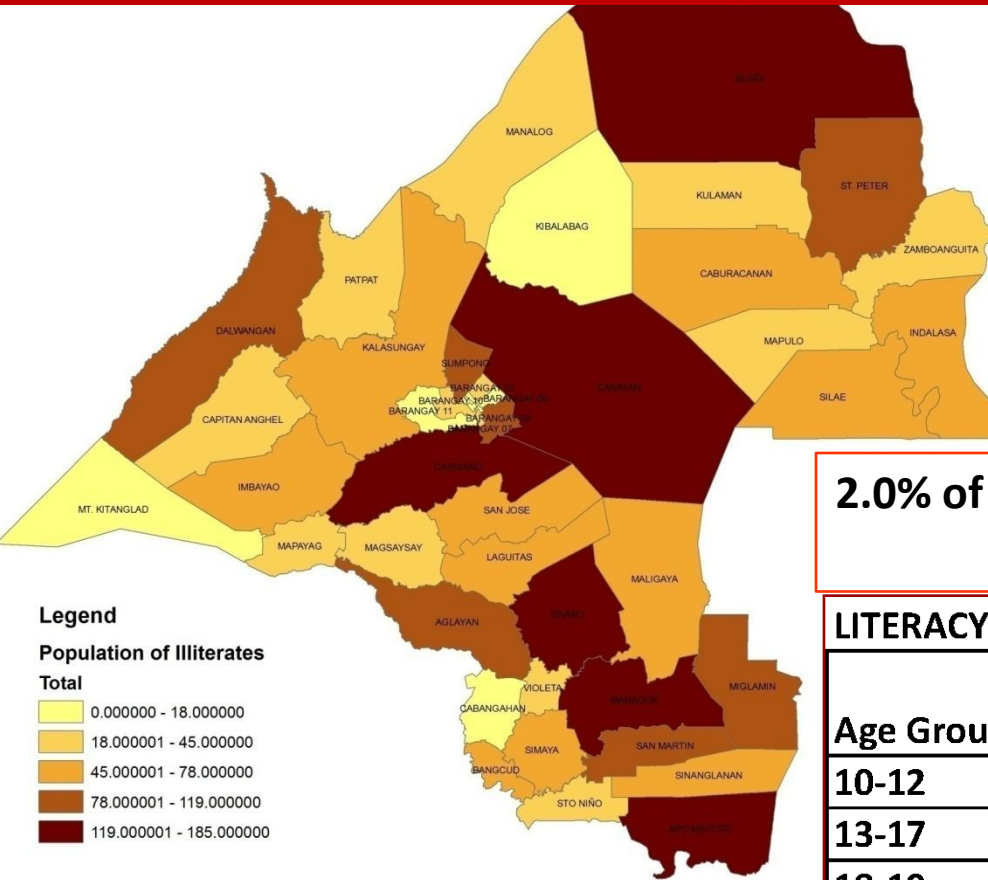


13 TO 17 YRS. OLD NGA DAPAT MAG ELEMENTARY

NAME	SCHOOL	DISTANCE
AGNES, JOMAR	ST. ISIDORE HIGH SCHOOL	2048.9 m
AGOCOY, IRECSON	ST. ISIDORE HIGH SCHOOL	2029.3 m
ALAMPAYAN, REY	ST. ISIDORE HIGH SCHOOL	1907.3 m
BALO-AN, ELFRANK L.	ST. ISIDORE HIGH SCHOOL	4183.6 m
BRIGOLI, REXAN	ST. ISIDORE HIGH SCHOOL	1933.6 m
CAGUITLA, MARK	ST. ISIDORE HIGH SCHOOL	2069.7 m
CAMANSI, JIMBOY	ST. ISIDORE HIGH SCHOOL	2214.9 m
CANE, ROIJANE	ST. ISIDORE HIGH SCHOOL	1948 m
DAMAYO, JO-AN	ST. ISIDORE HIGH SCHOOL	2203.5 m
DAMING, VIA MARIE	ST. ISIDORE HIGH SCHOOL	1782.2 m
DELICANO, MARVEN	ST. ISIDORE HIGH SCHOOL	2000.3 m
DONGOL, NORFIL	ST. ISIDORE HIGH SCHOOL	2265.3 m
LINANTAD, MIRASOL	ST. ISIDORE HIGH SCHOOL	4495.4 m
LUMALAN, JEE-ART L.	ST. ISIDORE HIGH SCHOOL	4607.3 m
LUMESTA, JHON L.	ST. ISIDORE HIGH SCHOOL	4150.3 m
LUMISTA, JEREMIAH S.	ST. ISIDORE HIGH SCHOOL	4454.1 m
MAGINCOL, JASTINE GRACE	ST. ISIDORE HIGH SCHOOL	4180.7 m
MANAGING, PRAIST JOHN	ST. ISIDORE HIGH SCHOOL	2648.5 m
OLINAN, DEGEL M.	ST. ISIDORE HIGH SCHOOL	4515.6 m
PELLAZAR, JUCOL	ST. ISIDORE HIGH SCHOOL	1964.2 m
SUMONDA, MARIANIE	ST. ISIDORE HIGH SCHOOL	4253.5 m
TANGCOGO, JERWIN	ST. ISIDORE HIGH SCHOOL	2048.9 m
TINAJA, JECIELO	ST. ISIDORE HIGH SCHOOL	2252.1 m



MISS: Tool for Resource Management



Legend
Population of Illiterates
Total

- 0.000000 - 18.000000
- 18.000001 - 45.000000
- 45.000001 - 78.000000
- 78.000001 - 119.000000
- 119.000001 - 185.000000

30% or 816 of the Illiterates are household heads, of which 83% or 677 of them are with income below poverty threshold.

2.0% of 10 Yrs. Old & Above Children are Illiterates

LITERACY by Age Group

Age Group	Illiterate (Male)	Illiterate (Female)	Total
10-12	183	125	308
13-17	202	123	325
18-19	68	47	115
20-29	267	202	469
30-39	206	156	362
40-49	191	182	373
50-59	148	136	284
60-69	108	100	208
70-79	83	128	211
80 and Above	39	66	105
TOTAL	1495	1265	2760

MISS: Tool for Resource Management

Women of Reproductive Age Using Family Planning

63 % or 19, 446 MWRA, Are Using Family Planning

Vasectomy	90	1%
Pilis	627	6%
IUD	1530	15%
DMPA	772	8%
Mucus/Billings/Ovulation	20	0%
Basal Body Temperatur	22	0%
Symptothermal	3	0%
STM	91	1%
Condom	534	5%
LAM	1049	10%
Calendar/Rhythm Periodic Abstinence	3083	30%
Withdrawal	743	7%
Total	10157	100%

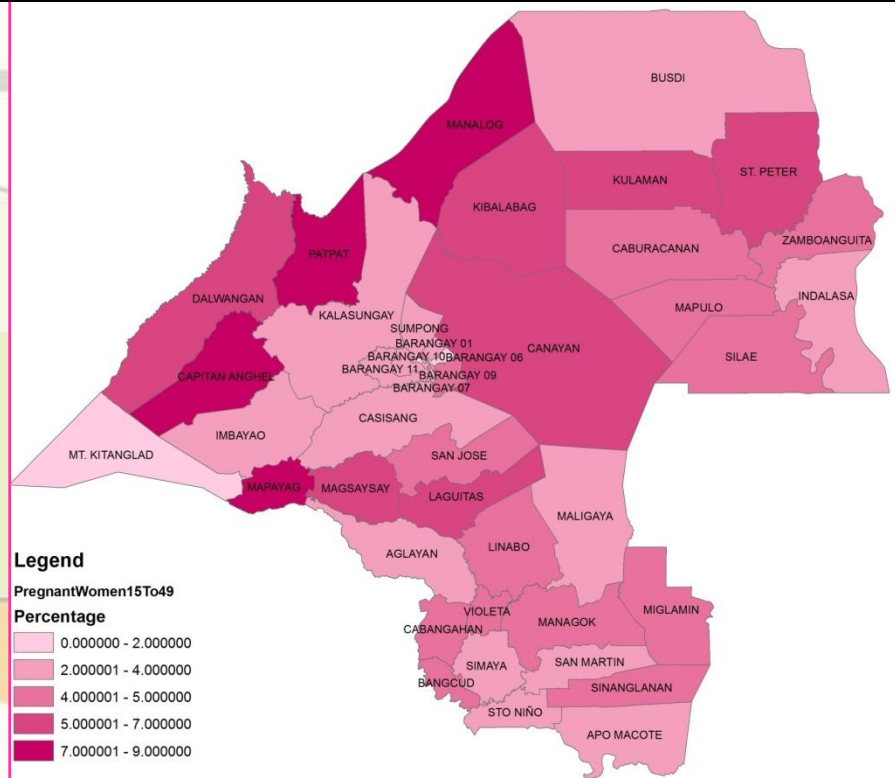
Reasons for Not Using Family Planning Method	Number	Percentage
Pregnant	1346	14%
Wants to be Pregnant	1363	15%
Health Reasons	724	8%
Financial Reasons	116	1%
Personal Choice	1917	21%



MISS: Tool for Resource Management

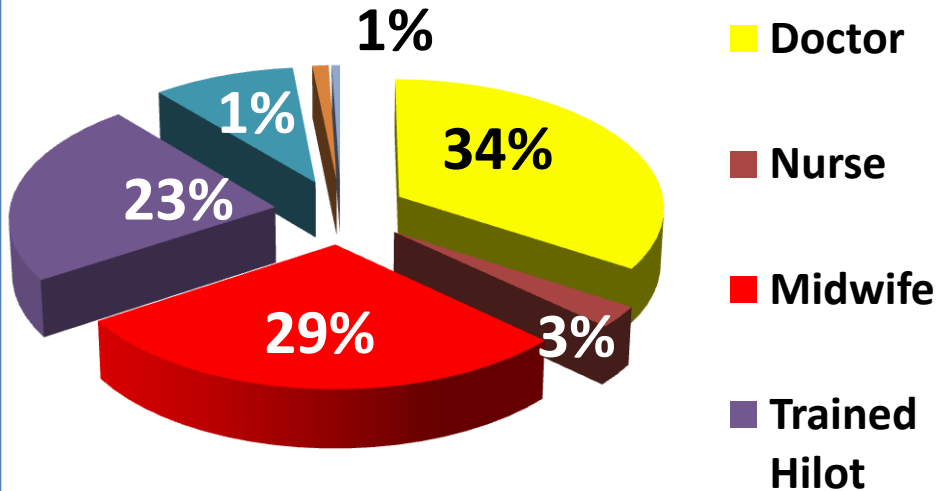
Pregnant Women By Age Group without Pre-natal Visits

Age Group	Pregnant Women	w/o Pre-natal Visits	Percentage of Pregnant Women w/o Pre-natal Visits
Below 18	92	9	10%
18-25	765	61	8%
26-35	662	66	10%
36-49	191	19	10%
Total	1710	155	9%

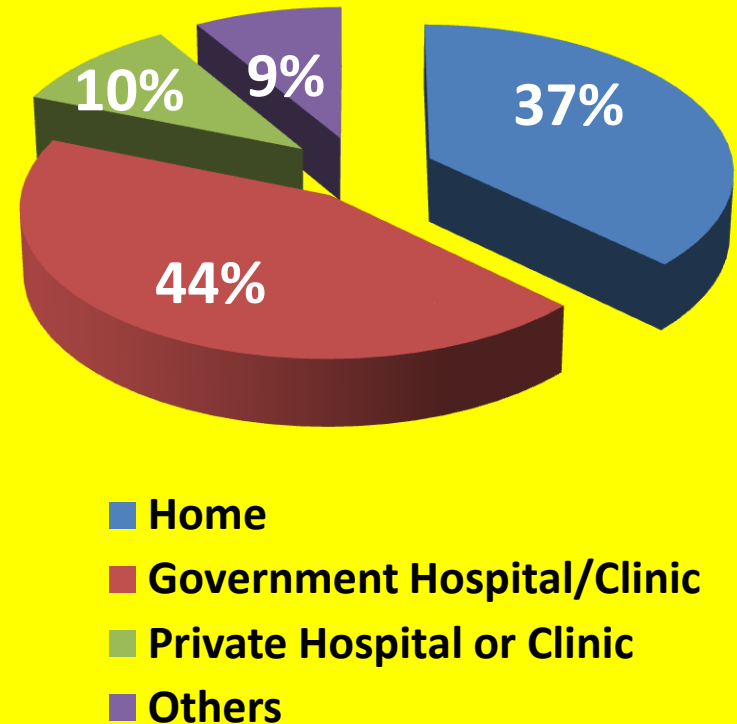


MISS: Tool for Resource Management

Child Deliveries by Medical/Non-Medical Practitioners



Place of Delivery (Percent)



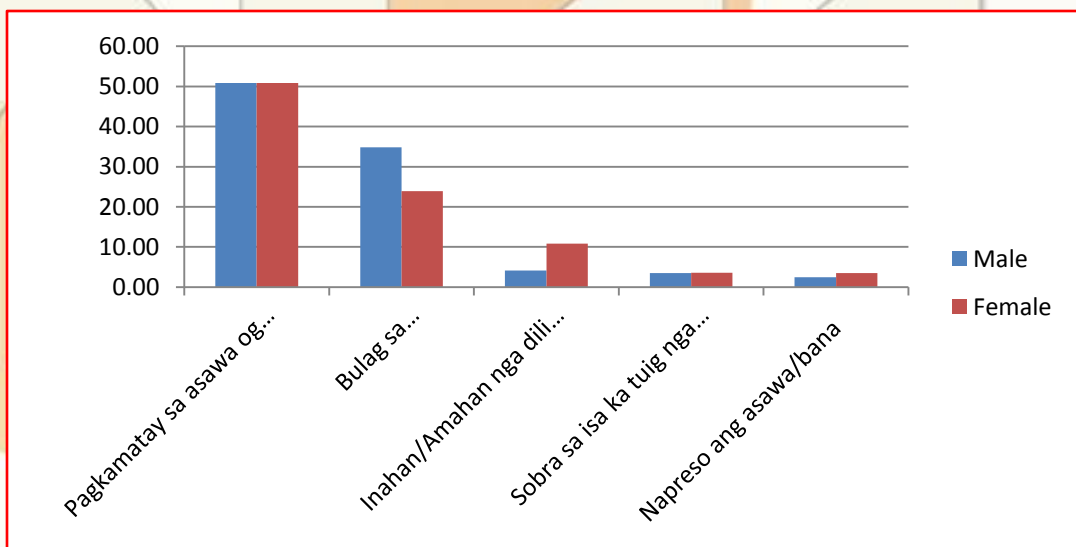
MISS: Tool for Resource Management

Solo Parents According to Age Group and Sex

Age Group	Male	Female	Total
18-25	32	425	457
26-33	90	421	511
34-42	197	443	640
43 and Above	629	1846	2475
Total	948	3135	4083

Top 5 Reasons for Being Solo Parents (In Percent)

Reasons for Being Solo Parents (In Percent)	Male	Female	Total
Pagkamatay sa asawa og bana	50.85	50.84	50.81
Bulag sa asawa/bana, legal	34.82	23.87	26.42
Inahan/Amahan nga dili kasal	4.14	10.88	9.31
Sobra sa isa ka tuig nga gi abandona sa asawa og anak	3.50	3.57	3.56
Napreso ang asawa/bana	2.44	3.47	3.23



MISS: Tool for Resource Management

Comprehensive Report [Close]

Filter Option

Barangay: Start Date: End Date:

INDICATORS	Number	Percentage	Male	Female	Total
Population Distribution by Blood Type					
Type A			47	67	114
Type B			37	47	84
Type AB			39	34	73
Type O			208	183	391
Unknown			1120	938	2058



MISS Facilitates GRB

1. Data processing and analysis
2. Planning
3. Resource Allocation
4. Monitoring of results and impacts



CITY OF MALAYBALAY
GENDER AND DEVELOPMENT BUDGET & EXPENDITURES
AS OF December 31, 2012

Sample GAD Budget of the City

FUNCTION/PROGRAM/PROJECT	APPROPRIATION	EXPENDITURES	BALANCES
GENDER AND DEVELOPMENT			
A. GENDER MAINSTREAMING	-		
a). Advocacy on RA 9262 Violence Against	100,000.00	100,000.00	0.00
b). Women Reproductive Health and Motherhood	100,000.00	100,000.00	0.00
c). Training and Seminars	100,000.00	39,850.00	60,150.00
B. SKILLS TRAINING AND DEVELOPMENT P	-		
a) RIC Skills Training Seminar	200,000.00	147,243.86	52,756.14
b) 4-H Club Capability Development Programs	100,000.00	99,307.00	693.00
C. EMERGENCY FUNDS FOR MEDICINE HOSPITALIZATION, HOSPITAL AND	8,575,994.06	8,555,129.03	20,865.03
D. COMPREHENSIVE NUTRITION PROGRA	-		
a) Micro Nutrient Supplement	200,000.00	199,950.00	50.00
b) Deworming Program	100,000.00	100,000.00	0.00
c) Supplemental Feeding Program	400,000.00	391,334.00	8,666.00
d) City Nutrition Program	1,000,000.00	937,688.21	62,311.79
E. COMPREHENSIVE HEALTH PROGRAM	-		
a) BHW/BNS/Hilots Day	200,000.00	196,635.00	3,365.00
b) CBMIS	300,000.00	283,411.00	16,589.00
c) Support to Health Services PPA's	500,000.00	175,856.97	324,143.03
d) Health Insurance of Barangay Officials	1,000,000.00	993,600.00	6,400.00
e) Health Sanitation and Maintenance Program	1,000,000.00	1,000,000.00	0.00
f) Support to POPDEV	500,000.00	487,013.64	12,986.36
g) City Indigent Program	1,000,000.00	1,000,000.00	0.00
F. COMPREHENSIVE EDUCATION PROGRA	-		
a) City Scholarship Program	4,000,000.00	4,000,000.00	0.00
b) Vocational Technical Skills Training	300,000.00	298,130.00	1,870.00
c) Alternative Educn and Functional Literacy Cum-	1,000,000.00	623,031.18	376,968.82
d) Support to Education	3,083,889.79	3,083,889.79	0.00
e) SP Educational Fund	2,006,514.33	1,936,423.71	70,090.62
G. SUPPORT TO CHILDREN AND WOMEN C	-		
a) Child Friendly Movement Program	1,000,000.00	999,786.72	213.28
b) Implementation of R.A. 8971 Solo Parent Welfare	100,000.00	9,000.00	91,000.00
c) Support to Women's Day	200,000.00	200,000.00	0.00
H. CITY COUNCIL FOR THE PROTECTION C	-		
a) Support to Committee for the Welfare of Childre	100,000.00	15,250.00	84,750.00
I. OTHER GAD ACTIVITIES	-		
a) Financial Assistance to Senior Citizens	6,000,000.00	6,000,000.00	0.00
b) Support to Persons w/ Disabilities Program	100,000.00	81,750.00	18,250.00
c) Support to Clean Up Day	20,000.00	20,000.00	0.00
d) Support to Barangay Health Workers	2,400,000.00	2,400,000.00	0.00
e) Support to Day Care Workers	3,200,000.00	3,113,000.00	87,000.00
TOTAL	38,886,398.18	37,587,280.11	1,299,118.07

Source: Annual Investment Plan, Malaybalay City



E. MISS Issues, Concerns, & Lessons Learned

- **The 231 questions of the MISS need a review because some might prove to be not significant anymore.**
- **The City government is looking at centralizing the encoding and processing again, and only deploying the cleaned and finalized database to the barangays.**



E. MISS Issues, Concerns, & Lessons Learned

- **The MISS is continuously enhanced every round conducted to fit the information needs of the City**
- **The information is readily available but with some restrictions on sensitive data**
- **GIS added opportunities for a qualitative analysis, being analyzed geographically and relate this one to other field of information**
 - **Land-use**
 - **Solid Waste Management**
 - **Environmental Protection**
 - **Disaster Preparedness and Response**



E. MISS Issues, Concerns, & Lessons Learned

- **It is being used as baseline data for implementing agencies for identification of target-focused programs.**
- **A thorough analyses need to be done to come up with genuine program.**
- **Intensify planning and budgeting.**
- **Conducting the survey every year requires substantial amount of money, time and manpower.**



*Thank you for
listening*

mms

