



Republic of the Philippines
Department of Agriculture
BUREAU OF AGRICULTURAL STATISTICS



Socio-Economic Characteristics of Farm Households in MIMAROPA



Department of Agriculture
BUREAU OF AGRICULTURAL STATISTICS
Agricultural Accounts and Statistical Indicators Division (AASID)
Socio-Economic Statistics Section (SESS)
Ben-Lor Bldg., 1184 Quezon Avenue, Quezon City
infobas@mozcom.com

<http://www.bas.gov.ph>

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ROMEO S. RECIDE
Director

MAURA S. LIZARONDO
Assistant Director

ROBERTO M. DALAG
Chief, AASID

MARIO M. PADRINAO
Chief, SESS

SESS STAFF:

EDUARDO B. SANGUYO

EMERLYN Q. BAES

RODIELYN D. CAGAOAN

JUVY D. GENEROSO

MARY JOY M. DEANG

6. ACCESS TO GOVERNMENT PROGRAMS

	Philippines	Region IVB
6.1 Percentage of households which were aware of government programs		
Crop farming	59.57	49.38
Livestock and poultry raising	15.84	16.56
Capture fishing and aquaculture	4.91	8.44

6.2 Percentage of households which were beneficiaries of government programs		
CROP FARMING		
Input subsidy	2.07	
Crop management	6.28	2.88
LIVESTOCK AND POULTRY RAISING		
Artificial insemination	0.38	
Production program ¹	1.99	0.45
Animal dispersal	4.91	4.04
CAPTURE FISHING AND AQUACULTURE		
Tilapia culture	0.96	
Credit assistance	0.27	
Provision of cages	0.82	
Development program	5.46	14.71

¹ Include nutrition, vaccination and deworming

FOREWORD

This report has been generated from the results of the Integrated Farm Household Survey (IFHS) which collected important benchmark characteristics of farms and farming population in the country. The IFHS, with reference period July 2002 to June 2003, covered 5,920 farm households nationwide except in Batanes and Lanao del Sur. It utilized a two-stage stratified sampling design with provinces as the domain and the barangays and farm households as the primary and secondary sampling units, respectively. The sample barangays were drawn from the 1999 Barangay Screening Survey of the Bureau of Agricultural Statistics and were set at 6 for small provinces and 9 for large agricultural provinces. For each sample barangay, 10 sample farm households (i.e. those households with at least one member engaged in agricultural activities) were randomly selected using the 2000 Census of Population and Housing of the National Statistics Office.

This report puts together the statistical data that can characterize the **socio-economic conditions of farm households in MIMAROPA**. To enhance appreciation and understanding of the regional condition, the national level data are included in the presentation of statistical tables. Other details of data regarding the region are contained in the IFHS main report entitled "Socio-Economic Characteristics of Farm Households in the Philippines".

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ROMEO S. RECIDE
Director

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5. CREDIT INFORMATION

	Philippines	Region IVB
5.1 Percentage of households that availed loan		
Less than 100,000	22.34	21.56
100,000 - 600,000	0.59	
More than 600,000	0.02	

5.2 Percentage of households that availed loan by purpose		
Agricultural production ¹	52.32	#REF!
Education	19.71	18.84
Emergency purpose ²	14.02	24.64
Business	13.46	18.84
House constructions/repairs	7.05	8.70
Payment for other loans	1.92	#REF!
Others ³	3.93	#REF!

¹ Include crop, livestock and poultry production

² Includes hospitalization

³ Include other purposes not elsewhere classified

5.3 Percentage distribution of households that availed loan with and without collateral		
With collateral	11.78	14.49
Without collateral	88.22	85.51

5.4 Percentage distribution of households that availed loan with and without guarantor		
With guarantor	9.78	7.25
Without guarantor	90.22	92.75

5.5 Percentage distribution of households that availed loan by type of amortization		
Cash	84.53	94.20
In-kind	11.46	5.80
Cash and in-kind	4.01	

5.6 Percentage of households by actual usage of loan obtained		
Agricultural production ¹	49.46	32.81
Education	16.21	18.75
Emergency purpose ²	9.44	17.19
Business	10.53	17.19
House constructions/repairs	5.60	7.81
Payment for other loans	1.17	
Others ³	11.61	6.25

¹ Include crop, livestock and poultry production

² Includes hospitalization

³ Include other purposes not elsewhere classified

5.7 Percentage of households that pay amortization on time	84.46	88.41
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4. INCOME AND EXPENDITURE PATTERNS (continuation)

4.2 HOUSEHOLD EXPENDITURES

	Philippines	Region IVB
4.2.1 Average annual expenditures of farm households	97,395	98,526
Farm	34,853	30,800
Food	40,187	41,478
Recurring expenses	9,726	11,501
Non-recurring expenses	12,629	14,747

4.2.2 Percentage distribution of annual household expenditures on food items		
Cereals	30.10	31.58
Cereal based products	5.98	6.30
Roots and tubers	1.63	0.83
Vegetables and spices	4.45	4.65
Fruits	2.99	2.48
Meat and meat preparations	19.82	17.53
Dairy and eggs	7.72	8.00
Fish and marine products	15.58	17.73
Coffee, chocolate and tea	2.83	2.77
Non-alcoholic beverages	2.60	1.86
Alcoholic beverages	2.56	3.12
Cigars and cigarettes	3.00	2.57
Other foods	0.74	0.58

4.2.3 Percentage distribution of annual household expenditures on recurring items		
Fuel, light and water	24.67	29.97
Household operations	23.88	26.59
Transportation and communication	18.30	17.38
Pocket money for children/others	18.82	17.86
Personal care and effects	11.52	7.06
Leisure and recreation	2.81	1.14

4.2.4 Percentage distribution of annual household expenditures on non-recurring items		
Clothing, shoes and other similar items	12.05	12.27
Education	42.30	42.96
Recreation	1.56	0.77
Medical care	9.82	16.49
Furniture/equipment	2.66	1.62
Income/business tax	2.64	3.10
Maintenance and repairs	4.88	5.35
Gifts and contributions	1.83	1.66
Special family occasions	2.51	2.73
Purchase/amortization of real property	1.70	0.89
Insurance/pre-need plans and other related expenses	1.53	1.29
Other non-recurring items	16.52	10.87

HIGHLIGHTS

Household Characteristics

- The size of farm households in the region averaged 5.10 members.
- About 85.31 percent of the households were headed by males. Average age of the household heads was 50 years.
- Almost 98 percent of household heads had formal education. About 23.44 percent were elementary graduates while 15.31 percent finished high school. Only 3.75 percent were college degree holders.
- Farming was the main occupation of 71.05 percent of household heads. Palay farmers represented 31.99 percent of the household heads.
- Among the household heads only 10.31 percent were members in community development and 6.56 percent were in multi-purpose cooperative.

Farm Characteristics

- Majority or 86.88 percent of the farm households were engaged in crop farming activities while those in livestock and poultry raising were 69.69 percent.
- The average number of farm parcels operated by households was 1.43. Tenanted farm parcels comprised the biggest average size of 1.78 hectares while parcels held under CLT/CLOA have the smallest size of 0.36 hectare.
- Irrigated farms shared 28.08 percent of the region's farm areas. About 42.61 percent of irrigated areas were serviced by the National Irrigation System (NIA).
- Average inventory of farm investments of farm households was P8,543.

Farm Enterprise

- Palay was the crop grown by 66.19 percent of total farm households. Those who cultivated coconut were 58.63 percent of households while 32.37 percent grew banana.
- Most of the households raised livestock and poultry as backyard farms.
- Among households, 85.29 percent were engaged in marine fishing, while 20.59 percent were into gathering of shells, aquarium fish, etc.
- Few households or 0.31 percent were into handicraft making while 0.63 percent were engaged in home processing of cereal based products.

Income and Expenditure Patterns

- Average annual income of farm households was P126,237. Income derived from farming accounted for 59.18 percent, non-farm income contributed 27.93 percent and income from other sources like pension, etc, shared 7.68 percent. The remainder came from off-farm income.
- About 57.97 percent of the farm income were sourced from crop farming, of which 72.49 percent came from palay production.
- By farm enterprise, capture fishing and aquaculture generated the highest net income at P76,128. The lowest was in livestock and poultry raising at P853.
- Average annual household expenditures amounted to P98,526. Farm households spent about 42.10 percent on food or P41,478 and 31.26 percent or P30,800 in farm activities.
- Of the total food expenditures, cereals shared 31.58 percent. Fish and marine products, and meat and meat preparations accounted for 17.73 percent and 17.53 percent of the total food expenditures, respectively.
- Recurring expenses comprised 11.67 percent of the total household expenditures, of which, 29.97 percent were spent for fuel, light and water. Another 26.59 percent went to household operations.
- Non-recurring expenses accounted for 14.97 percent of total expenditures, of which education accounted for 42.96 percent.

Credit Information

- About 21.56 percent of farm households availed of loans worth less than P100,000. About 30.43 percent of borrowers availed loans for agricultural production, 24.64 percent for emergency purposes and 18.84 percent each for education and capital for business.

Access to Government Program

- Farm households which were aware on government programs in crop farming were 49.38 percent, 16.56 percent in livestock and poultry raising, and 8.44 percent in capture fishing and aquaculture.
- Farmer beneficiaries comprised 14.71 percent in development programs on capture fishing and aquaculture, 4.04 percent in animal dispersal and 2.88 percent in crop management.

4. INCOME AND EXPENDITURE PATTERNS

4.1 HOUSEHOLD INCOME

	Philippines	Region IVB
4.1.1 Average annual income of farm households by source	106,181	126,237
Farm	P 57,628	74,702
Off-farm	6,763	6,579
Non-farm	31,389	35,262
Other sources	10,401	9,694

4.1.2 Percentage distribution of farm income by enterprise		
Crop farming	73.21	57.97
Livestock and poultry raising	13.82	9.78
Capture fishing and aquaculture	12.05	32.17
Others	0.92	0.08

4.1.3 Percentage distribution of farm income from crop farming		
Palay	47.49	72.49
Corn	11.84	0.40
Other temporary crops	10.05	2.84
Coconut	11.35	10.07
Other permanent crops	18.65	14.05
Crop by-products	0.62	0.15

4.1.4 Production expenses and returns above cash expenses by farm enterprise*		
Crop farming		
Production expenses	P 27,268	23,668
Returns above cash expenses	36,807	41,655
Livestock and poultry raising		
Production expenses	P 9,608	9,628
Returns above cash expenses	5,396	4,255
Capture fishing and aquaculture		
Production expenses	P 23,982	38,644
Returns above cash expenses	35,402	96,996

4.1.5 Average net income by farm enterprise*		
Crop farming	P 18,012	26,183
Livestock and poultry raising	1,402	853
Capture fishing and aquaculture	21,896	76,128

* Data represents the averages of households engaged in particular farm enterprise

3.3 CAPTURE FISHING AND AQUACULTURE

	Philippines	Region IVB
3.3.1 Percentage of households engaged in capture fishing by type		
Marine fishing	64.81	85.29
Inland fishing	31.71	5.88
Gathering of shells, aquarium fish, etc.	16.27	20.59

	Philippines	Region IVB
3.3.2 Percentage of households engaged in aquaculture by type of farm		
Fishpond	15.24	3.45
Fishpen	0.21	1.72
Fishcage	0.43	
Seaweed farming	13.73	3.45
Hatchery	0.43	

3.4 SPECIAL AGRICULTURAL ACTIVITIES AND HOME PROCESSING OF AGRICULTURAL PRODUCTS

	Philippines	Region IVB
3.4.1 Percentage of households engaged in special agricultural activities		
Cutflowers and ornamentals	0.31	
Handicrafts ¹	0.52	0.31
Others ²	1.06	

¹ Include plate making, bag weaving, hat, mat, saklob and papag making, and nipa thatches

² Include honey bee and wax making, mushroom and tuba gathering

	Philippines	Region IVB
3.4.2 Percentage of households engaged in home processing of agricultural products		
Cereal based products ¹	0.35	0.63
Fishery products ²	0.20	
Meat products ³	0.04	
Others ⁴	0.26	

¹ Include baye-baye, bitsu-bitsu, suman, camote/banana cue, puto/bibingka and sinacol/cassava cake

² Include dried fish and bagoong

³ Include embotido and morcon

⁴ Include ice cream, and pilli nut candies

1. CHARACTERISTICS OF FARM HOUSEHOLDS

	Philippines	Region IVB
1.1 Average household size	5.07	5.10

	Philippines	Region IVB
1.2 Percentage distribution of household heads by sex		
Male	89.33	85.31
Female	10.67	14.69

	Philippines	Region IVB
1.3 Average age of household heads	49 years	50 years

	Philippines	Region IVB
1.4 Percentage distribution of household heads by educational attainment		
Elementary level	40.38	31.88
Elementary graduate	16.45	23.44
High school level	14.13	12.50
High school graduate	13.78	15.31
Vocational	2.06	2.81
College level	5.17	7.81
College graduate	4.67	3.75
Post graduate	0.16	
No schooling	3.20	2.50

	Philippines	Region IVB
1.5 Percentage distribution of household heads by main occupation		
Officials of government	1.35	0.67
Professionals	0.98	2.69
Technicians and associate professionals	0.41	
Clerks	0.29	
Service workers and shop and market sales workers	1.33	
FARMER	79.05	71.05
Palay	35.77	31.99
Corn	12.01	0.67
Coconut	12.44	13.47
Others	18.83	24.92
Fishing	5.79	14.81
Trades and related workers	2.88	3.70
Plant and machine operators and assemblers	2.81	1.35
Laborers and unskilled workers	3.85	5.39
Special occupations	1.26	0.34

	Philippines	Region IVB
1.6 Percentage of household heads by membership in organization		
Community development	6.33	10.31
Consumer cooperative	0.69	0.31
Credit cooperative	1.56	1.25
Marketing cooperative	0.30	
Multi-purpose cooperative	4.39	6.56
Producers cooperative	0.85	0.63
Service cooperative	1.78	1.25

2. FARM CHARACTERISTICS

	Philippines	Region IVB
2.1 Percentage of farm households by farm enterprise		
Crop farming	93.18	86.88
Livestock and poultry raising	72.42	69.69
Capture fishing and aquaculture	13.32	21.25
Special agricultural activities	1.89	0.31
Home processing of agricultural products	0.85	0.63

2.2 Average number of farm parcels	1.66	1.43
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2.3 Average size of farm parcels by tenure (in hectare)		
Fully owned	1.08	1.42
Tenanted	1.03	1.78
Leased/rented	0.83	1.72
Rent free	0.56	0.46
Held under CLT/CLOA	0.98	0.36
Owner-like possession other than CLT / CLOA	0.81	1.07

2.4 Percentage distribution of farm parcels by location		
Within the city/municipality	97.56	99.78
Within the province	2.44	0.22

2.5 Percentage distribution of farm parcels by main use		
Homelot	21.34	22.03
Under temporary crop/s	55.15	41.25
Under permanent crop/s	21.35	34.77
Livestock farm	0.79	0.87
Poultry farm	0.19	0.43
Aquaculture farm	0.69	0.43
Others	0.48	0.22

2.6 Percentage share of irrigated farm parcels in total farm area	22.00	28.08
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2.7 Percentage distribution of irrigated farm parcels by source of irrigation		
National Irrigation System	29.96	42.61
Communal Irrigation System	35.69	23.48
Individual/Private Irrigation System	34.35	33.91

2.8 Average inventory of farm investments by major item		
Farm building and structures	P 2,057	3,694
Farm machineries and transport equipment	6,258	3,986
Farm tools, equipment and other supplies	1,216	732
Fishing gear	83	131

3. FARM ENTERPRISE

3.1 CROP FARMING

	Philippines	Region IVB
3.1.1 Percentage of households reporting on the type of crops grown		
Palay	59.81	66.19
Corn	35.70	4.32
Other temporary crops	43.29	32.03
Coconut	44.03	58.63
Banana	23.85	32.37
Mango	13.52	19.78
Other permanent crops	24.37	26.62

3.1.2 Percentage of households using inorganic fertilizer for palay and corn				
FERTILIZER	Palay	Corn	Palay	Corn
Urea	55.56	42.80	74.00	27.27
Ammonium phosphate	18.17	20.43	24.00	9.09
Potassium chloride	1.85	0.80	2.50	
Complete	12.40	9.65	5.00	
Others	40.63	33.29	52.50	9.09

3.1.3 Percentage of households applying pesticides for palay and corn				
PESTICIDE	Palay	Corn	Palay	Corn
Insecticides	60.34	11.86	80.00	18.18
Weedicides/herbicides	33.16	5.29	52.00	
Others	4.18	0.47	4.50	

3.2 LIVESTOCK AND POULTRY RAISING

3.2.1 Percentage of households raising livestock by purpose/farm type				
LIVESTOCK	Comm'l.	Backyard*	Comm'l.	Backyard*
Carabao	0.37	40.44		45.05
Cattle	0.46	26.23	1.10	19.23
Hog	2.50	63.73	2.75	64.84
Goat	0.19	15.54		9.34
Others		4.63		2.75

3.2.2 Percentage of households raising poultry by purpose/farm type				
POULTRY	Comm'l.	Backyard*	Comm'l.	Backyard*
Native chicken	1.11	83.26	1.85	93.21
Foreign/Layer chicken	0.37	8.57		1.23
Broiler	0.20	3.29		1.23
Mallard	0.27	7.59		5.04
Others	0.34	7.06		3.70

*Includes subsistence farming