



Republic of the Philippines  
Department of Agriculture  
**BUREAU OF AGRICULTURAL STATISTICS**



## Socio-Economic Characteristics of Farm Households in Eastern Visayas



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## 6. ACCESS TO GOVERNMENT PROGRAMS

	Philippines	Region VIII
6.1 Percentage of households which were aware of government programs		
Crop farming	59.57	52.65
Livestock and poultry raising	15.84	19.11
Capture fishing and aquaculture	4.91	6.37

6.2 Percentage of households which were beneficiaries of government programs		
<b>CROP FARMING</b>		
Input subsidy	2.07	0.67
Crop management	6.28	4.26
<b>LIVESTOCK AND POULTRY RAISING</b>		
Artificial insemination	0.38	
Production program <sup>1</sup>	1.99	0.74
Animal dispersal	4.91	13.24
<b>CAPTURE FISHING AND AQUACULTURE</b>		
Tilapia culture	0.96	
Credit assistance	0.27	
Provision of cages	0.82	
Development program	5.46	1.54

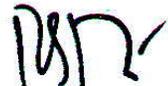
<sup>1</sup> Include nutrition, vaccination and deworming

## 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 Eastern Visayas**. 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".

The Bureau of Agricultural Statistics (BAS) wishes to extend its most sincere appreciation to the Bureau of Agricultural Research (BAR) for the financial support it has provided for the preparation of this report.

  
 ROMEO S. RECIDE  
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## 5. CREDIT INFORMATION

	Philippines	Region VIII
5.1 Percentage of households that availed loan		
Less than 100,000	22.34	15.92
100,000 - 600,000	0.59	
More than 600,000	0.02	

5.2 Percentage of households that availed loan by purpose		
Agricultural production <sup>1</sup>	52.32	40.00
Education	19.71	29.33
Emergency purpose <sup>2</sup>	14.02	12.00
Business	13.46	17.33
House constructions/repairs	7.05	4.00
Payment for other loans	1.92	
Others <sup>3</sup>	3.93	4.00

<sup>1</sup> Include crop, livestock and poultry production

<sup>2</sup> Includes hospitalization

<sup>3</sup> Include other purposes not elsewhere classified

5.3 Percentage distribution of households that availed loan with and without collateral		
With collateral	11.78	10.67
Without collateral	88.22	89.33

5.4 Percentage distribution of households that availed loan with and without guarantor		
With guarantor	9.78	8.00
Without guarantor	90.22	92.00

5.5 Percentage distribution of households that availed loan by type of amortization		
Cash	84.53	73.33
In-kind	11.46	22.67
Cash and in-kind	4.01	4.00

5.6 Percentage of households by actual usage of loan obtained		
Agricultural production <sup>1</sup>	49.46	39.73
Education	16.21	23.29
Emergency purpose <sup>2</sup>	9.44	9.59
Business	10.53	10.96
House constructions/repairs	5.60	1.37
Payment for other loans	1.17	
Others <sup>3</sup>	11.61	15.07

<sup>1</sup> Include crop, livestock and poultry production

<sup>2</sup> Includes hospitalization

<sup>3</sup> Include other purposes not elsewhere classified

5.7 Percentage of households that pay amortization on time	84.46	92.00
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#### 4. INCOME AND EXPENDITURE PATTERNS (continuation)

##### 4.2 HOUSEHOLD EXPENDITURES

	Philippines	Region VIII
4.2.1 Average annual expenditures of farm households	97,395	80,028
Farm	34,853	27,083
Food	40,187	37,905
Recurring expenses	9,726	8,545
Non-recurring expenses	12,629	6,495

4.2.2 Percentage distribution of annual household expenditures on food items		
Cereals	30.10	35.50
Cereal based products	5.98	5.66
Roots and tubers	1.63	2.12
Vegetables and spices	4.45	2.68
Fruits	2.99	2.06
Meat and meat preparations	19.82	16.50
Dairy and eggs	7.72	6.89
Fish and marine products	15.58	19.37
Coffee, chocolate and tea	2.83	2.47
Non-alcoholic beverages	2.60	2.01
Alcoholic beverages	2.56	2.01
Cigars and cigarettes	3.00	2.50
Other foods	0.74	0.24

4.2.3 Percentage distribution of annual household expenditures on recurring items		
Fuel, light and water	24.67	24.12
Household operations	23.88	28.78
Transportation and communication	18.30	18.79
Pocket money for children/others	18.82	13.80
Personal care and effects	11.52	12.90
Leisure and recreation	2.81	1.60

4.2.4 Percentage distribution of annual household expenditures on non-recurring items		
Clothing, shoes and other similar items	12.05	14.40
Education	42.30	43.99
Recreation	1.56	1.12
Medical care	9.82	10.13
Furniture/equipment	2.66	3.79
Income/business tax	2.64	1.26
Maintenance and repairs	4.88	4.98
Gifts and contributions	1.83	1.49
Special family occasions	2.51	1.55
Purchase/amortization of real property	1.70	1.49
Insurance/pre-need plans and other related expenses	1.53	0.64
Other non-recurring items	16.52	15.16

## HIGHLIGHTS

### Household Characteristics

- The size of farm households in the region averaged 5.12.
- Majority or 89.60 percent of the households were headed by males. Average age of the household heads was 50 years.
- About 97.43 percent of household heads had formal education. Elementary graduates comprised 11.46 percent of all household heads, 8.07 percent were high school graduates and 5.94 percent were college degree holders.
- Farming was the main occupation of 74.20 percent of household heads. About 22.77 percent of the household heads were coconut farmers and 19.72 percent were palay farmers.

### Farm Characteristics

- Majority or 94.69 percent of the farm households were engaged in crop farming while 57.75 percent were also into livestock and poultry raising.
- The number of farm parcels operated by households averaged 1.75. Parcels held under CLT/CLOA comprised the biggest average size of 1.23 hectares. The smallest at 0.38 hectare were managed under rent free agreement.
- About 41.62 percent of the farm parcels were planted to permanent crops and 35.82 percent to temporary crops.
- Only 9.89 percent of the total number of farm parcels in the region were irrigated. Communal irrigation system supplied water to 49.42 percent of the irrigated farm areas while 43.68 percent were supplied by the National Irrigation System.
- Average inventory of farm investments amounted to P1,321 for farm machineries and transport equipment and P1,658 for farm tools, equipment and other supplies. Investments for farm building and structures was minimal at P486 and fishing gears at P159.

### Farm Enterprise

- Coconut was grown by 85.20 percent of the households. This was distantly followed by palay with 45.07 percent of households reporting.
- Backyard raising of hogs and native chicken was reported by 85.07 percent and 89.66 percent of households, respectively.
- All households were engaged in marine fishing.

### Income and Expenditure Patterns

- Annual income of farm households averaged P82,503. About 75.40 percent of the farm household income or P47,359 came from farming. Non-farm income which accounted for 28.86 percent in total income amounted to P23,812.
- Income from crop farming contributed 69.85 percent to total farm income.
- Almost 90 percent of the income from crop farming came from palay and coconut production.
- By farm enterprise, capture fishing and aquaculture generated the highest net returns to farm households at P22,166. Net returns from crop farming amounted to P16,517 and from livestock and poultry raising, P1,064.
- The biggest portion of household expenditures at 47.36 percent was spent for food followed by farm expenses at 33.84 percent.
- Annual expenditures of farm households averaged P80,028. Amount spent for cereals shared 35.50 percent in total food expenditures, fish and marine products accounted for 19.37 percent while meat and meat preparations comprised 16.50 percent
- Recurring expenses comprised 10.68 percent of the total household expenditures while non-recurring expenses accounted for 8.12 percent .

### Credit Information

- About 15.92 percent of farm households availed of loans worth less than P100,000. Biggest portion of borrowers at 40 percent availed loans for agricultural production. Those who availed loans for education of household members comprised 29.33 percent.

### Access to Government Program

- Awareness on government programs on crop farming was cited by 52.65 percent of farm households. About 19.11 percent of the households showed familiarity with programs on livestock and poultry raising and 6.37 percent on capture fishing and aquaculture.
- Only 4.93 percent of farm households were benefited with programs on crop farming, 13.98 percent on livestock and poultry raising and 1.54 percent on capture fishing and aquaculture.

## 4. INCOME AND EXPENDITURE PATTERNS

### 4.1 HOUSEHOLD INCOME

	Philippines	Region VIII
4.1.1 Average annual income of farm households by source	106,181	82,503
Farm	P 57,628	47,359
Off-farm	6,763	6,066
Non-farm	31,389	23,812
Other sources	10,401	5,266

4.1.2 Percentage distribution of farm income by enterprise		
Crop farming	73.21	69.85
Livestock and poultry raising	13.82	9.04
Capture fishing and aquaculture	12.05	19.87
Others	0.92	1.24

4.1.3 Percentage distribution of farm income from crop farming		
Palay	47.49	46.68
Corn	11.84	1.23
Other temporary crops	10.05	4.04
Coconut	11.35	42.80
Other permanent crops	18.65	4.43
Crop by-products	0.62	0.82

4.1.4 Production expenses and returns above cash expenses by farm enterprise*		
<b>Crop farming</b>		
Production expenses	P 27,268	18,419
Returns above cash expenses	36,807	29,552
<b>Livestock and poultry raising</b>		
Production expenses	P 9,608	6,351
Returns above cash expenses	5,396	3,412
<b>Capture fishing and aquaculture</b>		
Production expenses	P 23,982	38,546
Returns above cash expenses	35,402	51,381

4.1.5 Average net income by farm enterprise*		
Crop farming	P 18,012	16,517
Livestock and poultry raising	1,402	1,064
Capture fishing and aquaculture	21,896	22,166

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

### 3. FARM ENTERPRISE (continuation)

#### 3.3 CAPTURE FISHING

	Philippines	Region VIII
3.3.1 Percentage of households engaged in capture fishing by type		
Marine fishing	64.81	100.00
Inland fishing	31.71	4.62
Gathering of shells, aquarium fish, etc.	16.27	9.23

#### 3.4 SPECIAL AGRICULTURAL ACTIVITIES AND HOME PROCESSING OF AGRICULTURAL PRODUCTS

3.4.1 Percentage of households engaged in special agricultural activities		
Cutflowers and ornamentals	0.31	0.21
Handicrafts <sup>1</sup>	0.52	1.27
Others <sup>2</sup>	1.06	4.25

<sup>1</sup> Include plate making, bag weaving, hat, mat, saklob and papag making, and nipa thatches

<sup>2</sup> Include honey bee and wax making, mushroom and tuba gathering

3.4.2 Percentage of households engaged in home processing of agricultural products		
Cereal based products <sup>1</sup>	0.35	1.49
Fishery products <sup>2</sup>	0.20	
Meat products <sup>3</sup>	0.04	
Others <sup>4</sup>	0.26	

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

<sup>2</sup> Include dried fish and bagoong

<sup>3</sup> Include embotido and morcon

<sup>4</sup> Include ice cream, and pili nut candies

### 1. CHARACTERISTICS OF FARM HOUSEHOLDS

	Philippines	Region VIII
1.1 Average household size	5.07	5.12

1.2 Percentage distribution of household heads by sex		
Male	89.33	89.60
Female	10.67	10.40

1.3 Average age of household heads	49 years	50 years
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1.4 Percentage distribution of household heads by educational attainment		
Elementary level	40.38	51.80
Elementary graduate	16.45	11.46
High school level	14.13	15.92
High school graduate	13.78	8.07
Vocational	2.06	1.06
College level	5.17	2.76
College graduate	4.67	5.94
Post graduate	0.16	0.42
No schooling	3.20	2.57

1.5 Percentage distribution of household heads by main occupation		
Officials of government	1.35	2.44
Professionals	0.98	1.42
Technicians and associate professionals	0.41	0.61
Clerks	0.29	0.20
Service workers and shop and market sales workers	1.33	0.81
<b>FARMER</b>	<b>79.05</b>	<b>74.20</b>
Palay	35.77	19.72
Corn	12.01	2.24
Coconut	12.44	22.77
Others	18.83	29.47
Fishing	5.79	5.49
Trades and related workers	2.88	4.67
Plant and machine operators and assemblers	2.81	3.25
Laborers and unskilled workers	3.85	5.28
Special occupations	1.26	1.63

1.6 Percentage of household heads by membership in organization		
Community development	6.33	4.25
Consumer cooperative	0.69	0.42
Credit cooperative	1.56	1.70
Marketing cooperative	0.30	
Multi-purpose cooperative	4.39	2.34
Producers cooperative	0.85	1.70
Service cooperative	1.78	1.70

## 2. FARM CHARACTERISTICS

	Philippines	Region VIII
2.1 Percentage of farm households by farm enterprise		
Crop farming	93.18	94.69
Livestock and poultry raising	72.42	57.75
Capture fishing and aquaculture	13.32	13.80
Special agricultural activities	1.89	5.73
Home processing of agricultural products	0.85	1.49

2.2 Average number of farm parcels	1.66	1.75
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2.3 Average size of farm parcels by tenure (in hectare)		
Fully owned	1.08	1.07
Tenanted	1.03	1.21
Leased/rented	0.83	0.58
Rent free	0.56	0.38
Held under CLT/CLOA	0.98	1.23
Owner-like possession other than CLT / CLOA	0.81	1.08

2.4 Percentage distribution of farm parcels by location		
Within the city/municipality	97.56	99.03
Within the province	2.44	0.97

2.5 Percentage distribution of farm parcels by main use		
Homelot	21.34	20.75
Under temporary crop/s	55.15	35.82
Under permanent crop/s	21.35	41.62
Livestock farm	0.79	1.57
Poultry farm	0.19	0.12
Aquaculture farm	0.69	
Others	0.48	0.12

2.6 Percentage share of irrigated farm parcels in total farm area	22.00	9.89
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2.7 Percentage distribution of irrigated farm parcels by source of irrigation		
National Irrigation System	29.96	43.68
Communal Irrigation System	35.69	49.42
Individual/Private Irrigation System	34.35	6.90

2.8 Average inventory of farm investments by major item		
Farm building and structures	P 2,057	486
Farm machineries and transport equipment	6,258	1,321
Farm tools, equipment and other supplies	1,216	1,658
Fishing gear	83	159

## 3. FARM ENTERPRISE

### 3.1 CROP FARMING

	Philippines	Region VIII
3.1.1 Percentage of households reporting on the type of crops grown		
Palay	59.81	45.07
Corn	35.70	10.76
Other temporary crops	43.29	56.95
Coconut	44.03	85.20
Banana	23.85	29.15
Mango	13.52	2.91
Other permanent crops	24.37	23.10

3.1.2 Percentage of households using inorganic fertilizer for palay and corn				
FERTILIZER	Palay	Corn	Palay	Corn
Urea	55.56	42.80	28.17	2.50
Ammonium phosphate	18.17	20.43	3.17	2.50
Potassium chloride	1.85	0.80		
Complete	12.40	9.65	3.97	
Others	40.63	33.29	21.43	

3.1.3 Percentage of households applying pesticides for palay and corn				
PESTICIDE	Palay	Corn	Palay	Corn
Insecticides	60.34	11.86	42.06	2.50
Weedicides/herbicides	33.16	5.29	2.38	
Others	4.18	0.47		

### 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		27.60
Cattle	0.46	26.23		3.62
Hog	2.50	63.73	2.71	85.07
Goat	0.19	15.54		4.07
Others		4.63		

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		89.66
Foreign/Layer chicken	0.37	8.57	0.57	5.75
Broiler	0.20	3.29		0.57
Mallard	0.27	7.59		2.19
Others	0.34	7.06		4.02

\*Includes subsistence farming