



Republic of the Philippines
Department of Agriculture
BUREAU OF AGRICULTURAL STATISTICS



Socio-Economic Characteristics of Farm Households in Zamboanga Peninsula



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6. ACCESS TO GOVERNMENT PROGRAMS

	Philippines	Region IX
6.1 Percentage of households which were aware of government programs		
Crop farming	59.57	66.36
Livestock and poultry raising	15.84	13.76
Capture fishing and aquaculture	4.91	4.28

6.2 Percentage of households which were beneficiaries of government programs		
CROP FARMING		
Input subsidy	2.07	1.00
Crop management	6.28	6.35
LIVESTOCK AND POULTRY RAISING		
Artificial insemination	0.38	0.36
Production program ¹	1.99	0.36
Animal dispersal	4.91	5.04
CAPTURE FISHING AND AQUACULTURE		
Tilapia culture	0.96	
Credit assistance	0.27	
Provision of cages	0.82	
Development program	5.46	

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 Zamboanga Peninsula**. 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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5. CREDIT INFORMATION

	Philippines	Region IX
5.1 Percentage of households that availed loan		
Less than 100,000	22.34	13.76
100,000 - 600,000	0.59	1.22
More than 600,000	0.02	

5.2 Percentage of households that availed loan by purpose		
Agricultural production ¹	52.32	38.78
Education	19.71	28.57
Emergency purpose ²	14.02	24.49
Business	13.46	10.20
House constructions/repairs	7.05	8.16
Payment for other loans	1.92	2.04
Others ³	3.93	4.08

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	32.65
Without collateral	88.22	67.35

5.4 Percentage distribution of households that availed loan with and without guarantor		
With guarantor	9.78	24.49
Without guarantor	90.22	75.51

5.5 Percentage distribution of households that availed loan by type of amortization		
Cash	84.53	83.67
In-kind	11.46	16.33
Cash and in-kind	4.01	

5.6 Percentage of households by actual usage of loan obtained		
Agricultural production ¹	49.46	28.26
Education	16.21	21.74
Emergency purpose ²	9.44	15.22
Business	10.53	6.52
House constructions/repairs	5.60	2.17
Payment for other loans	1.17	4.35
Others ³	11.61	21.74

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	87.76
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4. INCOME AND EXPENDITURE PATTERNS (continuation)

4.2 HOUSEHOLD EXPENDITURES

	Philippines	Region IX
4.2.1 Average annual expenditures of farm households	97,395	94,046
Farm	34,853	39,857
Food	40,187	35,593
Recurring expenses	9,726	9,290
Non-recurring expenses	12,629	9,306

4.2.2 Percentage distribution of annual household expenditures on food items		
Cereals	30.10	35.51
Cereal based products	5.98	5.86
Roots and tubers	1.63	1.45
Vegetables and spices	4.45	3.17
Fruits	2.99	1.74
Meat and meat preparations	19.82	15.96
Dairy and eggs	7.72	6.51
Fish and marine products	15.58	17.28
Coffee, chocolate and tea	2.83	2.17
Non-alcoholic beverages	2.60	5.07
Alcoholic beverages	2.56	2.37
Cigars and cigarettes	3.00	2.48
Other foods	0.74	0.44

4.2.3 Percentage distribution of annual household expenditures on recurring items		
Fuel, light and water	24.67	31.75
Household operations	23.88	21.93
Transportation and communication	18.30	16.98
Pocket money for children/others	18.82	19.76
Personal care and effects	11.52	7.92
Leisure and recreation	2.81	1.67

4.2.4 Percentage distribution of annual household expenditures on non-recurring items		
Clothing, shoes and other similar items	12.05	14.79
Education	42.30	43.25
Recreation	1.56	1.38
Medical care	9.82	4.82
Furniture/equipment	2.66	6.76
Income/business tax	2.64	3.36
Maintenance and repairs	4.88	4.46
Gifts and contributions	1.83	1.86
Special family occasions	2.51	1.73
Purchase/amortization of real property	1.70	1.29
Insurance/pre-need plans and other related expenses	1.53	2.10
Other non-recurring items	16.52	14.21

HIGHLIGHTS

Household Characteristics

- The size of farm households in the region averaged 5.04.
- About 92.35 percent of the households were headed by males. Average age of the household heads was 47 years.
- About 98.78 percent of household heads had formal education. Elementary and high school graduates each accounted for 11.01 percent of household heads. Degree holders comprised 6.42 percent.
- Farming was the main occupation of 70.91 percent of household heads. About 28.36 percent of household heads were palay farmers and 21.82 percent were corn farmers.
- Among the household heads only 10.40 percent were members in community development and 3.36 percent in multi-purpose cooperative.

Farm Characteristics

- About 91.44 percent of the farm households were engaged in crop farming and 85.02 percent in livestock and poultry raising.
- The average number of farm parcels operated by households was 1.45. Fully owned farm parcels had the biggest average size of 1.45 hectares. Leased or rented farm parcels had the smallest size of 0.52 hectare.
- Only 15.63 percent of the farm parcels were irrigated and 48.23 percent were serviced by communal irrigation system.
- More than 50 percent of farm parcels were planted to temporary crops.
- Average inventory of farm investment in the region was minimal at P1,464 for farm building and structures, P2,914 for farm machineries and transport equipment and P2,214 for farm tools, equipment and other supplies. Investment for fishing implements averaged only P72.

Farm Enterprise

- Corn was the major crop grown, it was reported by 57.19 percent of the households followed by palay with 48.83 percent. Coconut was raised by 43.14 percent of households.
- Backyard raising of livestock and poultry was more common among households.

4. INCOME AND EXPENDITURE PATTERNS

4.1 HOUSEHOLD INCOME

	Philippines	Region IX
4.1.1 Average annual income of farm households by source	106,181	99,327
Farm	P 57,628	54,135
Off-farm	6,763	5,946
Non-farm	31,389	33,431
Other sources	10,401	5,815

4.1.2 Percentage distribution of farm income by enterprise		
Crop farming	73.21	53.23
Livestock and poultry raising	13.82	13.46
Capture fishing and aquaculture	12.05	33.26
Others	0.92	0.05

4.1.3 Percentage distribution of farm income from crop farming		
Palay	47.49	45.08
Corn	11.84	12.53
Other temporary crops	10.05	2.50
Coconut	11.35	18.41
Other permanent crops	18.65	20.09
Crop by-products	0.62	1.39

4.1.4 Production expenses and returns above cash expenses by farm enterprise*		
Crop farming		
Production expenses	P 27,268	27,187
Returns above cash expenses	36,807	25,246
Livestock and poultry raising		
Production expenses	P 9,608	7,669
Returns above cash expenses	5,396	4,439
Capture fishing and aquaculture		
Production expenses	P 23,982	50,543
Returns above cash expenses	35,402	88,947

4.1.5 Average net income by farm enterprise*		
Crop farming	P 18,012	4,327
Livestock and poultry raising	1,402	932
Capture fishing and aquaculture	21,896	56,509

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

- About 59.57 percent of the households were engaged in inland fishing while 36.17 percent were into marine fishing. Those involved in gathering of shells, aquarium fish, etc., were 10.64 percent.
- For aquaculture, 70.59 percent of the households were engaged in seaweed farming and 35.29 percent were into fishpond operation.

Income and Expenditure Patterns

- Annual income of farm households averaged P99,327. Of this amount, 54.50 percent or P54,135 came from farming. Non-farm income contributed 33.66 percent to total income which amounted to P33,431.
- The bulk or 53.23 percent of the farm income were sourced from crop farming and 33.26 percent from capture fishing and aquaculture.
- About 45.08 percent of the farm income from crop farming came from palay production and 12.53 percent from corn.
- By farm enterprise, capture fishing and aquaculture generated the highest net returns to farmers at P56,509. This amounted to only P4,327 in crop farming.
- Annual expenditures of households averaged P94,046. The biggest portion of household expenditures at 42.38 percent was allocated to farm expenses followed by food at 37.85 percent.
- Cereals shared 35.51 percent in the total food expenditures while fish and marine products accounted for 17.28 percent.
- Recurring expenses comprised 9.88 percent of the total household expenditures with 31.75 percent were spent for fuel, light and water. Non-recurring expenses accounted for 9.90 percent of the total households expenditures of which education accounted for 43.25 percent.

Credit Information

- About 13.76 percent of farm households availed of loans worth less than P100,000 while 1.22 percent availed P100,000-P600,000. Among the borrowers, 38.78 percent availed loans for agricultural production and 28.57 percent for education purposes.

Access to Government Program

- Awareness on government programs in crop farming was cited by 66.36 percent of farm households. About 13.76 percent of the households showed familiarity with programs on livestock and poultry raising.
- Only 6.35 percent of the households were benefited with programs on crop management and 5.04 percent on animal dispersal.

3.3 CAPTURE FISHING AND AQUACULTURE

	Philippines	Region IX
3.3.1 Percentage of households engaged in capture fishing by type		
Marine fishing	64.81	36.17
Inland fishing	31.71	59.57
Gathering of shells, aquarium fish, etc.	16.27	10.64

	Philippines	Region IX
3.3.2 Percentage of households engaged in aquaculture by type of farm		
Fishpond	15.24	35.29
Fishpen	0.21	
Fishcage	0.43	
Seaweed farming	13.73	70.59
Hatchery	0.43	

3.4 SPECIAL AGRICULTURAL ACTIVITIES AND HOME PROCESSING OF AGRICULTURAL PRODUCTS

	Philippines	Region IX
3.4.1 Percentage of households engaged in special agricultural activities		
Cutflowers and ornamentals	0.31	
Handicrafts ¹	0.52	
Others ²	1.06	0.61

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 IX
3.4.2 Percentage of households engaged in home processing of agricultural products		
Cereal based products ¹	0.35	
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 IX
1.1 Average household size	5.07	5.04

	Philippines	Region IX
1.2 Percentage distribution of household heads by sex		
Male	89.33	92.35
Female	10.67	7.65

	Philippines	Region IX
1.3 Average age of household heads	49 years	47 years

	Philippines	Region IX
1.4 Percentage distribution of household heads by educational attainment		
Elementary level	40.38	48.32
Elementary graduate	16.45	11.01
High school level	14.13	15.29
High school graduate	13.78	11.01
Vocational	2.06	0.92
College level	5.17	5.50
College graduate	4.67	6.42
Post graduate	0.16	0.31
No schooling	3.20	1.22

	Philippines	Region IX
1.5 Percentage distribution of household heads by main occupation		
Officials of government	1.35	4.36
Professionals	0.98	1.09
Technicians and associate professionals	0.41	
Clerks	0.29	0.73
Service workers and shop and market sales workers	1.33	2.54
FARMER	79.05	70.91
Palay	35.77	28.36
Corn	12.01	21.82
Coconut	12.44	9.09
Others	18.83	11.64
Fishing	5.79	6.55
Trades and related workers	2.88	2.91
Plant and machine operators and assemblers	2.81	2.91
Laborers and unskilled workers	3.85	5.45
Special occupations	1.26	2.55

	Philippines	Region IX
1.6 Percentage of household heads by membership in organization		
Community development	6.33	10.40
Consumer cooperative	0.69	0.31
Credit cooperative	1.56	
Marketing cooperative	0.30	
Multi-purpose cooperative	4.39	3.36
Producers cooperative	0.85	
Service cooperative	1.78	0.61

2. FARM CHARACTERISTICS

	Philippines	Region IX
2.1 Percentage of farm households by farm enterprise		
Crop farming	93.18	91.44
Livestock and poultry raising	72.42	85.02
Capture fishing and aquaculture	13.32	14.37
Special agricultural activities	1.89	0.61
Home processing of agricultural products	0.85	

2.2 Average number of farm parcels	1.66	1.45
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2.3 Average size of farm parcels by tenure (in hectare)		
Fully owned	1.08	1.45
Tenanted	1.03	1.29
Leased/rented	0.83	0.52
Rent free	0.56	0.53
Held under CLT/CLOA	0.98	0.89
Owner-like possession other than CLT / CLOA	0.81	1.18

2.4 Percentage distribution of farm parcels by location		
Within the city/municipality	97.56	96.63
Within the province	2.44	3.37

2.5 Percentage distribution of farm parcels by main use		
Homelot	21.34	22.53
Under temporary crop/s	55.15	53.47
Under permanent crop/s	21.35	21.90
Livestock farm	0.79	0.21
Poultry farm	0.19	
Aquaculture farm	0.69	1.26
Others	0.48	0.63

2.6 Percentage share of irrigated farm parcels in total farm area	22.00	15.63
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2.7 Percentage distribution of irrigated farm parcels by source of irrigation		
National Irrigation System	29.96	27.06
Communal Irrigation System	35.69	48.23
Individual/Private Irrigation System	34.35	24.71

2.8 Average inventory of farm investments by major item		
Farm building and structures	P 2,057	1,464
Farm machineries and transport equipment	6,258	2,914
Farm tools, equipment and other supplies	1,216	2,214
Fishing gear	83	72

3. FARM ENTERPRISE

3.1 CROP FARMING

	Philippines	Region IX
3.1.1 Percentage of households reporting on the type of crops grown		
Palay	59.81	48.83
Corn	35.70	57.19
Other temporary crops	43.29	41.13
Coconut	44.03	43.14
Banana	23.85	27.42
Mango	13.52	20.40
Other permanent crops	24.37	24.08

3.1.2 Percentage of households using inorganic fertilizer for palay and corn				
FERTILIZER	Palay	Corn	Palay	Corn
Urea	55.56	42.80	52.06	30.30
Ammonium phosphate	18.17	20.43	33.51	47.88
Potassium chloride	1.85	0.80	1.55	1.21
Complete	12.40	9.65	20.62	10.91
Others	40.63	33.29	20.10	16.97

3.1.3 Percentage of households applying pesticides for palay and corn				
PESTICIDE	Palay	Corn	Palay	Corn
Insecticides	60.34	11.86	63.92	5.45
Weedicides/herbicides	33.16	5.29	42.27	
Others	4.18	0.47	2.58	0.61

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	0.41	49.18
Cattle	0.46	26.23	0.41	32.11
Hog	2.50	63.73	6.10	74.39
Goat	0.19	15.54		13.01
Others		4.63		11.39

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	0.86	51.50
Foreign/Layer chicken	0.37	8.57	2.58	44.64
Broiler	0.20	3.29		0.43
Mallard	0.27	7.59		12.35
Others	0.34	7.06		0.86

*Includes subsistence farming