

**PHILIPPINE FISHERIES PROFILE**  
(CY 1978 - 1979)

**I. FISHERY RESOURCES**

1. Marine Resources

a. Total Marine Water Area	-	1,666,300 sq. km.
b. Coastal	-	266,000 sq. km.
c. Oceanic	-	1,400,300 sq. km.
d. Shelf Area (depth 200 m)	-	184,600 sq. km.
e. Coastline (length)	-	17,460 sq. km.

2. Inland Resources

a. Swamplands	-	<u>375,000 hectares</u>
- Freshwater	-	126,000 hectares
- Brackishwater	-	249,000 hectares
b. Existing Fishpond	-	<u>182,000 hectares</u>
- Freshwater	-	6,000 hectares
- Brackishwater	-	176,000 hectares

3. Other Inland Resources

a. Lakes	-	200,000 hectares
b. Rivers	-	31,000 hectares
c. Reservoirs	-	130,000 hectares

4. Other Supporting Facilities

a. No. of existing municipal fishing bancas	-	284,000
b. No. of commercial fishing boat licenses processed	-	3,227

**II. FISHERIES CONTRIBUTION TO ECONOMY**

1. Contribution to Total GNP	-	4.9% (1978)
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**TOTAL FISH PRODUCTION  
FOR 1979 \***

	<u>VOLUME</u> (000 MT)	<u>%</u>	<u>VALUE</u> (P B)	<u>%</u>
a. Inland Fisheries	122	8.0	1.1	10
b. Municipal Fisheries	968	60.0	6.2	55
c. Commercial Fisheries	<u>516</u>	<u>32.0</u>	<u>3.9</u>	<u>35</u>
<b>TOTAL</b>	<u>1,606</u>	<u>100.0</u>	<u>11.2</u>	<u>100</u>

### FIVE YEAR FISH PRODUCTION TREND (1973-1979)

<u>YEAR</u>	<u>QUANTITY</u> <u>M.T.</u>	<u>%</u> <u>INCREASE</u>	<u>VALUE</u> <u>(000 P)</u>	<u>%</u> <u>INCREASE</u>
1979*	1,606,000	1.62	11,200,000	18.20
1978	1,580,404	4.74	9,477,276	7.60
1977	1,508,855	8.28	8,809,203	20.71
1976	1,393,483	4.24	7,297,946	23.29
1975	1,336,803	5.40	5,918,127	6.28
1974	1,268,368	5.27	5,569,114	69.00
1973	1,204,837	7.34	3,295,341	16.55

### EMPLOYMENT

a) Inland Fisheries .....	176,000 persons
b) Municipal Fisheries .....	574,000 persons
c) Commercial Fisheries .....	<u>45,000 persons</u>
<b>TOTAL</b> .....	<u>795,000 persons</u>

### III. EXTERNAL TRADE

#### FISHERY EXPORTS, 1978-1979

<u>QUANTITY</u>	<u>1978</u>		<u>1979</u>	
	<u>(M.T.)</u>	<u>VALUE</u> <u>(P.M)</u>	<u>QUANTITY</u> <u>(M.T.)</u>	<u>VALUE</u> <u>(P.M)</u>
48,000	532	65,000	762	

#### MAJOR TOP TEN FISHERIES EXPORT, 1979

	<u>VOLUME</u> <u>(M.T.)</u>	<u>VALUE</u> <u>(000 P)</u>
1. Frozen Shrimps	4,006	249
2. Frozen/Chilled Tuna	32,490	235
3. Shellcraft Article	947	62
4. Dried Seaweeds	15,653	57
5. Ornamental Shells	3,232	25
6. Aquarium Fish	1,648	20
7. Frozen /Chilled Fish	1,423	19
8. Frozen Cuttlefish/Squid	464	16
9. M O P	763	15

\* Preliminary data.

## FISHERY IMPORTS

1978		1979	
QUANTITY	VALUE	QUANTITY	VALUE
(M.T.)	(P.M)	(M.T.)	(P.M)
48,000	229	46,000	207

### MAJOR IMPORTS FOR 1979

	VOLUME	VALUE
	(M.T.)	(000 P)
1. Canned Mackerel	<u>9,372,567</u>	<u>53,050,005</u>
➤ Japan	9,372,189	53,045,123
➤ US	306	2,449
➤ Spain	72	2,433
2. Sardines	<u>11,246,812</u>	<u>78,098,352</u>
➤ Japan	10,636,505	68,213,099
➤ Thailand	53,864	288,775
➤ Portugal	519,765	9,151,522
➤ Australia	1,301	24,415
➤ Spain	242	7,733
➤ Singapore	9,095	39,343
➤ Morocco	26,040	373,465

### MAJOR SOURCES OF FISHERY IMPORTS

Japan  
Thailand  
Chile  
Peru  
Federation of Malaya  
United States  
Hongkong  
China  
Portugal  
Australia

### FIVE YEAR FISH PRODUCTION TREND (1973-1979)

<u>YEAR</u>	<u>QUANTITY</u> <u>M.T.</u>	<u>%</u> <u>INCREASE</u>	<u>VALUE</u> <u>(000 P)</u>	<u>%</u> <u>INCREASE</u>
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### EMPLOYMENT

a) Inland Fisheries .....	176,000 persons
b) Municipal Fisheries .....	574,000 persons
c) Commercial Fisheries .....	45,000 persons
<b>TOTAL</b> .....	<u>795,000 persons</u>

### III. EXTERNAL TRADE

#### FISHERY EXPORTS, 1978-1979

<u>1978</u>		<u>1979</u>	
<u>QUANTITY</u> <u>(M.T.)</u>	<u>VALUE</u> <u>(P.M)</u>	<u>QUANTITY</u> <u>(M.T.)</u>	<u>VALUE</u> <u>(P.M)</u>
48,000	532	65,000	762

#### MAJOR TOP TEN FISHERIES EXPORT, 1979

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1. Frozen Shrimps	4,006	249
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9. M O P	763	15
10. Reptile Skin	24	10

\* Preliminary data.

#### IV. CREDIT

##### A. LOANS GRANTED TO FISHERIES, 1974-1979 (IN THOUSAND PESOS)

	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
DBP	17,251	122,775	226,327	66,557	81,259	5,541
PNB	11,996	15,777	13,362	2,986	4,910	NA
Other Commercial Banks	153,904	205,323	207,338	NA	NA	394,856
Private Development Banks	6.38	12.93	18.59	9.58	15.35	NA
Rural Banks	71,600	76,200	50,600	61,900	196,800	70,700
ACA	708	110	NA	NA	NA	NA
Land Bank & Philippine Amanah Bank	NA	NA	NA	NA	NA	5,009
Savings Bank	<u>0.171</u>	<u>0.37</u>	<u>0.43</u>	<u>NA</u>	<u>NA</u>	<u>13.404</u>
<b>TOTAL</b>	<u>255,465</u>	<u>420,198</u>	<u>497,647</u>	<u>131,452</u>	<u>282,984</u>	<u>489,500</u>

##### B. PROJECTED CREDIT REQUIREMENTS OF THE FISHING INDUSTRY, 1978-1982<sup>1</sup> (In Thousand Pesos)

<b>YEAR</b>	<b>PROGRAM REQUIREMENTS</b>	<b>LOANS TO BE GRANTED</b>
1978	1,194.3	598.4
1979	1,389.7	673.0
1980	1,637.3	747.8
1981	1,887.9	822.6
1982	<u>2,200.6</u>	<u>897.3</u>
<b>TOTAL</b>	<u>8,309.8</u>	<u>3,739.1</u>

<sup>1</sup> During the projection period, Fisheries Program Requirements account for 7.3 percent of total agricultural credit. Projected credit requirements of the industry will grow at the rate of 14.3 percent.

## V. FISH PRODUCTION UNITS

### A. FISH PRODUCTION, BY SECTOR (1970-1977) (IN METRIC TON)

YEAR	FISHPOND	MUNICIPAL	COMMERCIAL	TOTAL
1979 <sup>1/</sup>	122,242	968,308	515,957	1,606,507
1978	118,682	955,882	505,840	1,580,404
1977	115,756	874,934	518,165	1,508,855
1976	112,761	772,525	508,197	1,393,483
1975	106,461	731,725	498,617	1,336,803
1974	113,195	684,498	470,675	1,268,368
1973	99,600	639,795	465,442	1,204,837
1972	98,923	598,733	424,754	1,122,410
1971	97,915	542,904	382,276	1,023,095
1970	96,461	510,546	381,877	988,884

### B. FISHPONDS IN OPERATION, BY REGION, 1978

REGION	TOTAL AREA (HAS.)	PRODUCTION <sup>2</sup> (M.T.)
NCR	1,923	1,300
I	10,494	8,000
II	881	200
III	30,525	26,500
IV	28,778	14,900
V	11,542	4,300
VI	43,330	41,600
VII	5,779	3,200
VIII	9,406	3,500
IX	17,638	7,600
X	5,456	2,200
XI	5,402	2,200
XII	5,078	3,200
<b>TOTAL</b>	<u>176,000</u>	<u>118,700</u>

<sup>1</sup> Preliminary Data.

<sup>2</sup> National Average Yield - 643 kgs./ha./yr.

C. MUNICIPAL FISHERIES PRODUCTION, BY REGION, 1978  
(IN METRIC TON)

REGION	MARINE MUNICIPAL
NCR	6,366
I	9,518
II	4,659
III	7,630
IV	98,002
V	122,332
VI	84,188
VII	60,167
VIII	70,228
IX-A	126,494
IX-B	62,643
X	48,229
XI	62,551
XII	<u>12,925</u>
TOTAL	775,932
TOTAL INLAND MUNICIPAL	<u>179,950</u>
GRAND TOTAL	<u>955,882</u>

D. COMMERCIAL FISHERIES PRODUCTION, BY REGION, 1978  
(IN METRIC TON)

REGION	MARINE COMMERCIAL
NCR	131,764
I	2,033
II	1,596
III	2,206
IV	64,240
V	37,400
VI	161,274
VII	9,250
VIII	20,034
IX-A	6,695
IX-B	42,123
X	2,423
XI	23,640
XII	<u>1,153</u>
TOTAL	<u>505,840</u>

SOURCE OF BASIC DATA: 1978 FISHERIES STATISTICS.

E. COMMERCIAL FISHING VESSELS BY TONNAGE CLASS, 1978

	NUMBER	TONNAGE CLASS
	4	450-above
	68	201-449 GT
	224	101-200
	351	51-100
	1,880	50-below
<b>TOTAL</b>	<u>2,527</u>	<u>103,078 GT</u>

F. PRODUCTION OF COMMERCIAL FISHING VESSELS  
BY GEAR, 1978

TYPE OF GEAR	PERCENTAGE (OF COMMERCIAL CATCH ACCOUNTED FOR)
Purse Seine	12.94%
Otter Trawl	30.43%
Bagnet	25.41%
Others	<u>31.22%</u>
<b>TOTAL</b>	<u>100.00%</u>



## VI. CONSUMPTION

### PER CAPITA CONSUMPTION<sup>1/</sup>

(In Kilograms)

	NATIONAL	LUZON	VISAYAS	MINDANAO
Fish	34.8	30.8	38.8	37.7
Dairy	12.0	11.9	9.9	12.9
Poultry Meat	6.6	5.9	5.0	7.6
Eggs	5.2	7.3	4.5	5.1
Pork	11.4	14.0	8.5	13.4
Bccf and Carabeef	5.3	5.2	4.8	6.0
Fresh Fruit	53.3	52.8	46.5	56.1
Fresh Vegetables	14.9	13.0	17.0	16.8

## VII. OTHER INFORMATION

### A. TEN MAJOR LAKES OF THE PHILIPPINES

<u>NAMES OF LAKES</u>	<u>LOCATION</u>	<u>AREA (HAS.)</u>
1. Laguna de Bay	Rizal	91,136
2. Lanao Lake	Lanao Sur	34,304
3. Taal Lake	Batangas	26,368
4. Lake Mainit	Agusan del Norte	14,848
5. Lake Buluan	Maguindanao	5,888
6. Lake Bato	Camarines Sur	3,793
7. Pagusi Lake	Surigao del Sur	2,531
8. Lake Labas	North Cotabato	2,141
9. Lake Lanao	Camotes Is., Cebu	1,192
10. Lumao Lake	Agusan del Sur	1,185

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<sup>1/</sup> Based on a survey of 1,000 families (1970-1973), NFAC.

B. TEN MAJOR FISHING GROUNDS OF THE PHILIPPINES  
CY 1978

<u>MAJOR FISHING</u> <u>GROUND</u>	<u>VOLUME</u> <u>(M.T.)</u>	<u>% TO TOTAL CATCH</u>
1. Visayan Sea	151,689	30.0
2. Sulu Sea (South)	112,748	22.3
3. Moro Gulf	45,822	9.0
4. San Miguel Bay	23,288	4.6
5. Cuyo Pass	18,375	3.6
6. West Palawan Waters	16,483	3.3
7. Tayabas Bay	14,040	2.8
8. Guimaras Strait	13,945	2.8
9. Lamon Bay	12,971	2.6
10. Manila Bay	12,817	2.5

C. TEN MAJOR SPECIES OF FISH CAUGHT IN PHILIPPINE  
WATERS FOR CY 1977

<u>SPECIES</u>	<u>VOLUME</u>	<u>%</u> <u>TOTAL CATCH</u>
1. Roundscad (galonggong)	115,030	22.7
2. Sardines (tunsoy, tamban)	46,965	9.3
3. Slipmouth (sapsap)	46,273	9.1
4. Anchovies	31,245	6.2
5. Threadfin Bream (bisugo)	22,519	4.4
6. Frigate tunas (tulingan)	20,897	4.1
7. Big-eyed scad (matangbaka)	19,586	3.9
8. Indian mackerel (alumahan)	16,214	3.2
9. Lizard Fish (kalaso)	15,673	3.1
10. Skipjack (guliasan)	14,816	2.9

D. MAJOR FISHING BOAT OPERATORS WITH COMMERCIAL FISHING BOAT LICENSE

TOP TEN FISHING BOAT OPERATORS, 1979  
(In Terms of G.T.)

OWNER/OPERATOR	NO. OF FISHING BOAT	GROSS TONNAGE
1. RJL Martinez Fishing Corp.	53	5,654.00
2. Frabelle Fishing Corp.	76	5,303.80
3. Rabelim Fishing Ent.	56	3,313.84
4. Pelican Fishing Ent.	21	2,398.43
5. Aqua Marine Resources Corp.	12	1,131.43
6. Martiman and Co., Inc.	15	8
7. Navotas Shipyard and Fish Corp.	12	773.18
8. Menfishco Fishing, Inc.	19	699.70
9. Puyo Fishing Corporation	14	556.39
10. World Marine & Dev. Corporation	12	328.43

E. TEN BIGGEST FISHPOND OPERATORS  
(On the basis of hectarage)

FLA NO.	NAME OF OPERATOR	LOCATION	AREA (HAS.)
2082	Raymundo, Sofia	Anda, Pangasinan	50.6090
2965	Loyola, Arthur	Puerto Princesa, Palawan	50.0000
2132	Venus, Ernesto	New Washington, Aklan	50.0000
2126	Venus, Bartolome	New Washington, Aklan	50.0000
2060	Torre, Oscar	Caluya, Antique	50.0000
2114	Sindico, Edgardo	Lavesares, Northern Samar	50.0000
1742	Mariano, Milagros	Aurora, Zamboanga del Sur	50.0000
2938	Ponce, Luis	Magallanes, Agusan del Norte	50.0000
1741	Mariano, Rodolfo	Aurora, Zamboanga del Sur	50.0000
1406	Dinulos, Eleuterio	Sta. Ana, Cagayan	50.0000

F. TOP TEN FISHPOND OPERATORS (CORPORATIONS)  
 (On the basis of hectarage)

FLA NO.	NAME OF OPERATOR	LOCATION	AREA (HAS.)
2003	Pioneer Rubber Corporation	Naga, Zamboanga del Sur	399.9972
2978	Dr. Manuel Cortez Fishpond	Siay, Zamboanga del Sur	398.4182
3002	B.H. Berkenkotter & Co., Inc.	Calauag, Quezon	375.0000
2802	Roncor Agro Industrial Development Corp.	Sta. Rita and Villareal, Western Samar	346.7100
2030	A.M. Montojo Enterprises, Inc.	Ulutanga, Zamboanga del Sur	325.8900
1809	Alpha Fishery Development Corporation	Calauag, Quezon	344.9200
2019	Villarin Development Industries, Inc.	Puerto Princesa, Palawan	301.0000
2824	Matampay Agro Marine Development Corporation	Lala, Lanao del Norte	283.2302
2369	PMG Development Corporation	Trinidad, Bohol	246.8350
2040	Amrel Development Corporation	Tagkaway, Quezon	231.9212