

PHILIPPINE FISHERIES PROFILE
(CY 1977 - 1978)

I. FISHERY RESOURCES

Marine Waters.....	160,000,000 has.
Inland Waters.....	1,158,000 has.

Lakes, Marshes, Reservoirs, Paddies, etc.	727,000 has.
Available Brackishwater Swamplands.....	249,000 has.
Developed Brackishwater Fishponds.....	176,000 has.
Developed Freshwater Fishponds.....	6,000 has.

	<u>1977</u>	<u>1978</u>
No. of Commercial Fishing Vessels Registered.....	2,269	2,224
No. of Licensed Fishermen.....	41,160	42,000
No. of Existing Municipal Bancas.....	283,000	284,000
No. of Municipal Fishermen.....	574,000	572,000

	<u>1977</u>		<u>1978</u>	
	<u>VOLUME</u>	<u>VALUE</u>	<u>VOLUME</u>	<u>VALUE</u>
II. TOTAL FISH PRODUCTION	1,508,855MT	P 8.8 B	1,580,404	P 9.9 B
Commercial Sector	518,165	3.5	505,840	3.9
Municipal Sector	874,934	4.4	955,882	5.0
Fishpond	115,756	.9	118,682	1.0
III. TOTAL FISHERY EXPORT	38,000MT	P393 M	48,000MT	P532M
TOTAL FISHERY IMPORT	38,000MT	P205M	48,000MT	229M
IV. CONTRIBUTION TO GNP	P 5.5 B			
PERCENT CONTRIBUTION	4.85%			

TOTAL FISHERY EXPORTS FOR 1978

<u>QUANTITY</u> (M.T.)	<u>VALUE</u> (000 P.)
48,000	P532,000

**TOP TEN FISHERIES EXPORT
1978**

	<u>VOLUME</u> (M.T.)	<u>VALUE</u> (000 P)
1. Frozen Shrimps	2,975	162,594
2. Frozen/Chilled Tuna	19,771	114,827
3. Shellcraft Article	1,389	78,392
4. Dried Seaweeds	11,668	40,033
5. Ornamental Shells	3,626	21,265
6. Chilled/Frozen Miscellaneous Species	1,571	17,798
7. Aquarium Fishes	1,497	16,908
8. M O P	540	11,481
9. Frozen Scallop Meat	305	8,120
10. Reptile Skin	18	6,926

PRINCIPAL IMPORTERS OF PHILIPPINE FISHERY PRODUCTS

1. United States
2. Japan
3. Hongkong
4. Hawaii
5. Australia
6. Canada
7. Guam
8. Italy
9. Germany
10. Sweden

TOTAL IMPORTS FOR 1978

<u>QUANTITY</u> (M.T.)	<u>VALUE</u> (000 P)
47,955	229,529

MAJOR IMPORTS FOR 1978

	<u>VOLUME</u> <u>(M.T.)</u>	<u>VALUE</u> <u>(000 P)</u>
1. Canned Mackerel	<u>12,150</u>	<u>67,544</u>
➤ Japan	11,228	62,538
➤ Federation of Malaya	541	2,832
➤ Thailand	276	1,650
➤ China	97	485
➤ Hongkong	8	39
2. Sardines	<u>15,981</u>	<u>97,037</u>
➤ Japan	12,796	78,950
➤ Peru	1,429	6,333
➤ Chile	977	5,275
➤ Thailand	510	3,076
➤ Portugal	198	445
➤ U.S.	70	445
➤ Australia	1	10

PHILIPPINE FISHERIES PROFILE (CY 1977 - 1978)

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	375,000 has.
> Freshwater	126,000 has.
> Brackishwater	249,000 has.
b. Existing Fishpond	182,000 has.
> Freshwater	6,000 has.
> Brackishwater	176,000 has.

3. Other Inland Resources

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

4. Other Supporting Facilities

a. No. of Existing Municipal Fishing Bancas	284,000
b. No. of Commercial Fishing Vessels Licensed	2,224

II. FISHERIES CONTRIBUTION TO ECONOMY

1. Contribution to Total GNP	4.9% (1978)
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TOTAL FISHERY PRODUCTION FOR 1978

	<u>VOLUME</u> (000 MT)	<u>%</u>	<u>VALUE</u> (P B)	<u>%</u>
a. Inland Fisheries	119	8.0	1.0	10
b. Municipal Fisheries	956	60.0	5.0	51
c. Commercial Fisheries	506	32.0	3.9	39
TOTAL	<u>1,581</u>	<u>100.0</u>	<u>9.9</u>	<u>100</u>

FIVE YEAR FISH PRODUCTION TREND (1973-1978)

<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>
1978	1,581,000	4.78	9,900,000	12.38
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>
TOTAL	<u>795,000 persons</u>

III. EXTERNAL TRADE

FISHERY EXPORTS, 1977-1978

<u>1977</u>		<u>1978</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>
38,000	393	48,000	532

MAJOR TOP TEN FISHERIES EXPORT, 1978

	<u>VOLUME</u> <u>(M.T.)</u>	<u>VALUE</u> <u>(000 P)</u>
1. Frozen Shrimps	2,975	162,594
2. Frozen/Chilled Tuna	19,771	114,827
3. Shellcraft Article	1,389	78,392
4. Dried Seaweeds	11,668	40,033
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FISHERY IMPORTS

	1977		1978
<u>QUANTITY</u> (M.T.)	<u>VALUE</u> (P.M)	<u>QUANTITY</u> (M.T.)	<u>VALUE</u> (P.M)
39,000	205	48,000	229

MAJOR IMPORTS FOR 1978

	<u>VOLUME</u> (M.T.)	<u>VALUE</u> (000 P)
1. Canned Mackerel	<u>12,150</u>	<u>67,544</u>
✧ Japan	11,228	62,538
✧ Federation of Malaya	541	2,832
✧ Thailand	276	1,650
✧ China	97	485
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2. Sardines	<u>15,981</u>	<u>97,037</u>
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✧ Peru	1,429	6,333
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✧ Thailand	510	3,076
✧ Portugal	198	2,948
✧ U.S.	70	445
✧ Australia	1	10

MAJOR SOURCES OF FISHERY IMPORTS

Japan
Thailand
Chile
Peru
Federation of Malaya
U.S.
Hongkong
China
Portugal
Australia

IV. CREDIT

A. LOANS GRANTED TO FISHERIES, 1968-1978 (IN MILLION PESOS)

YEAR	PRODUCTION	MARKETING	PROCESSING	TOTAL
1968	74.5	10.2	6.5	91.2
1969	78.0	7.1	5.5	90.6
1970	72.8	9.5	5.7	88.0
1971	97.1	20.2	14.8	132.1
1972	115.8	45.7	13.8	175.3
1973	139.7	79.4	34.8	253.9
1974	200.6	66.8	12.2	279.6
1975	375.4	91.4	13.3	480.1
1976	359.2	125.0	14.5	498.7
1977	196.8	36.2	13.4	246.4
1978 ^{1/}	<u>103.7</u>	<u>19.8</u>	<u>16.9</u>	<u>140.4</u>
TOTAL	<u>1,813.6</u>	<u>511.3</u>	<u>151.4</u>	<u>2,476.3</u>

B. PROJECTED CREDIT REQUIREMENTS OF THE FISHING INDUSTRY, 1978-1982¹ (In Thousand Pesos)

YEAR	PROGRAM REQUIREMENTS	LOANS TO BE GRANTED
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	2,200.6	897.3
TOTAL	<u>8,309.8</u>	<u>3,739.1</u>

¹ 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
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, 1977

REGION	TOTAL AREA (HAS.)	PRODUCTION ¹ (M.T.)
I	10,494	7,500
II	881	200
III	30,528	25,500
IV	1,923	1,200
IV-A	28,778	14,700
V	11,542	4,300
VI	43,330	41,000
VII	5,779	3,100
VIII	9,406	3,300
IX	17,638	7,400
X	5,456	2,100
XI	5,402	2,200
XII	5,078	3,200
TOTAL	<u>176,000</u>	<u>115,700</u>

¹ National Average Yield - 643 kgs./ha./yr.

B. MUNICIPAL FISHERIES PRODUCTION, BY REGION, 1977
(IN METRIC TON)

REGION	MARINE MUNICIPAL
I	13,487
II	6,099
III	4,299
IV	2,904
IV-A	105,019
V	135,732
VI	87,040
VII	38,714
VIII	73,635
IX	97,730
X	49,728
XI	84,795
XII	<u>13,332</u>
TOTAL	712,514
TOTAL INLAND MUNICIPAL	<u>162,420</u>
GRAND TOTAL	<u>874,934</u>

D. COMMERCIAL FISHERIES PRODUCTION, BY REGION, 1977
(IN METRIC TON)

REGION	MARINE COMMERCIAL
I	2,060
II	1,048
III	1,725
IV	154,790
IV-A	36,600
V	31,918
VI	189,969
VII	9,689
VIII	22,263
IX	44,380
X	2,821
XI	18,966
XII	<u>1,939</u>
TOTAL	<u>518,165</u>

SOURCE OF BASIC DATA: 1977 FISHERIES STATISTICS.

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(IN METRIC TON)

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XII	<u>1,939</u>
TOTAL	<u>518,165</u>

SOURCE OF BASIC DATA: 1977 FISHERIES STATISTICS.

VI. CONSUMPTION

PER CAPITA CONSUMPTION¹ (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
Beef 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

B. TEN MAJOR FISHING GROUNDS OF THE PHILIPPINES CY 1977

<u>MAJOR FISHING</u> <u>GROUNDS</u>	<u>VOLUME</u> <u>(M.T.)</u>	<u>% TO TOTAL CATCH</u>
1. Visayan Sea	175,080	33.8
2. Sulu Sea (South)	106,468	20.5
3. Sulu Sea (North)	27,769	5.4
4. Basilan Strait	26,335	5.0
5. Tayabas Bay	21,425	4.1
6. Manila Bay	17,882	3.4
7. Asid Gulf	17,326	3.3
8. San Miguel Bay	17,121	3.3
9. Lamon Bay	12,830	2.5
10. Batangas Coast	9,683	1.9

^{1/} Based on a survey of 1,000 families (1979-1973), NFAC.

B. TEN MAJOR FISHING GROUNDS OF THE PHILIPPINES
CY 1977

<u>MAJOR FISHING GROUNDS</u>	<u>VOLUME (M.T.)</u>	<u>% TO TOTAL CATCH</u>
1. Visayan Sea	175,080	33.8
2. Sulu Sea (South)	106,468	20.5
3. Moro Gulf	27,769	5.4
4. San Miguel Bay	26,335	5.0
5. Cuyo Pass	21,425	4.1
6. West Palawan Waters	17,882	3.4
7. Tayabas Bay	17,326	3.3
8. Guimaras Strait	17,121	3.3
9. Lamon Bay	12,830	2.5
10. Manila Bay	9,683	1.9

C. TEN MAJOR SPECIES OF FISH CAUGHT IN PHILIPPINE WATERS
CY 1978

<u>SPECIES</u>	<u>VOLUME</u>	<u>% TOTAL CATCH</u>
1. Roundscad	156,631	30.2
2. Slipmouth	51,498	9.9
3. Threadfin Bream	31,789	6.14
4. Sardines	31,048	6.0
5. Big-eyed Scad	22,760	4.4
6. Skipjack	20,612	4.4
7. Chub Mackerel	20,612	3.9
8. Round Herring	17,263	3.3
9. Lizard Fish	15,906	3.1
10. Eastern Little Tuna	14,289	2.8

**D. MAJOR FISHING BOAT OPERATORS WITH COMMERCIAL
FISHING BOAT LICENSE**

OWNER/OPERATOR	NO. OF FISHING BOAT	GROSS TONNAGE
1. RJL Martinez Fishing Corp.	75	8,136.18
2. Frabelle Fishing Corp.	66	44,072.14
3. Rabelim Fishing Ent.	54	3,007.02
4. Pelican Fishing Ent.	38	4,660.87
5. Minfishco Inc.	24	1,207.25
6. Martiman & Co. Inc.	20	1,566.52
7. Reynaldo Tiongco	18	2,281.50
8. Navotas Shipyard and Fish Corp.	13	889.03
9. Donaciano Llamas	15	705.30
10. Bountee Agro Fishing Corp.	14	606.30
11. Celia Fishing Corp.	12	1,068.32
12. V-Sion Fishing Corp.	10	885.48
13. Wilmar Fishing Corp.	10	498.83
14. Sixto Tinio	9	911.05
15. Dominico Gongson	8	309.17
16. D Ramos Fishing Corp.	8	700.48
17. Elias Lachenal	6	573.90
18. Amado Junsay	6	38.72
19. Maria Efigenia Fishing Corp.	5	468/19
20. Ricsan Development Corp.	5	<u>1,018.45</u>
GRAND TOTAL		<u>33,604.75</u>

**E. TEN BIGGEST FISHPOND LESSEE IN TERMS OF AREA
(INDIVIDUAL)**

LESSEE	LOCATION	AREA
a	Lala, Lanao del Norte	500
b	Kapatagan, Lala, Lanao del Norte	260
c	Sta. Margarita, Western Samar	200
d	Tadloc, Magsaysay, Oriental Mindoro	200
e	Caminawait, San Jose, Oriental Mindoro	199
f	Aporawan, Aborlan, Palawan South	189
g	Lalab, Batan, Aklan	187,1357
h	Kalanganan, Cotabato City	178
i	Kalanganan, Cotabato City	178
j	Kalanganan, Cotabato City	178

F. TEN BIGGEST FISHPOND LESSEE IN TERMS OF AREA
(CORPORATION)

LESSEE	LOCATION	AREA
a. Northern Samar Agro Industrial Corp.	Dao, San Jose, Northern Samar	800
b. Amrel Development Cor.	Siguewan, Tagkawayan, Quezon	463.84
c. Amalgamated Fishing Co.	Bagbagon, Lamitan, Basilan	400
d. Agro Marine Dev. Corp.	Bukid, Siay, Zamboanga del Sur	400
e. Bulawan Plantation Inc.	Bulawan, Siay, Zamboanga del Sur	400
f. Pioneer Rubber Co.	Naga, Zamboanga del Sur	399.99
g. Manuel J. Cortez Marketing, Corp.	Bukid, Siay, Zamboanga del Sur	398.4182
h. B.H. Berkenhotter & Co.	Pangahoy, Calatag, Quezon	375
i. Gen. Marine Dev. Corp.	Anas, Calatag, Quezon	375
j. R.J. Gulanes & Coy	Bukid, Siay, Zamboanga del Sur	371.78