

PHILIPPINE FISHERIES PROFILE
(CY 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	-	182,000 hectares
- 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 - 4.2%¹ (1979)

TOTAL FISH PRODUCTION FOR 1979

	<u>VOLUME</u> (000 MT)	<u>%</u>	<u>VALUE</u> (P B)	<u>%</u>
a. Inland Fisheries	133	8.0	1.2	12.0
b. Municipal Fisheries	947	60.0	5.8	55.0
c. Commercial Fisheries	<u>501</u>	<u>32.0</u>	<u>3.5</u>	<u>33.0</u>
TOTAL	<u>1,581</u>	<u>100.0</u>	<u>10.5</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> (000 P)	<u>%</u> <u>INCREASE</u>
1979	1,581,303	.06	10,536,747	11.18
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>
TOTAL	<u>795,000 persons</u>

¹ Based on current prices.

III. EXTERNAL TRADE

FISHERY EXPORTS, 1978-1979

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

MAJOR TOP TEN FISHERIES EXPORT IN TERMS OF VALUE, 1979

	<u>VOLUME</u>	<u>VALUE</u>
	<u>(M.T.)</u>	<u>(000 P)</u>
1. Frozen Shrimps	4,253	264
2. Frozen/Chilled Tuna	32,490	235
3. Shellcraft Article	1,006	67
4. Dried Seaweeds	15,653	57
5. Ornamental Shells	3,236	25
6. Aquarium Fishes	1,655	20
7. Miscellaneous Species (Frozen/Chilled)	1,423	19
8. Frozen Cuttlefish/Squid	470	16
9. M O P	764	15
10. Reptile Skin	13	10

FISHERY IMPORTS

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

MAJOR IMPORTS FOR 1979

	<u>VOLUME</u> (Kgs.)	<u>VALUE</u> (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

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	0.171	0.37	0.43	NA	NA	13,404
TOTAL	<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^{1/} (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	<u>2,200.6</u>	<u>897.3</u>
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
1979	133,598	946,958	500,747	1,581,303
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, 1979

REGION	TOTAL AREA (HAS.)	PRODUCTION ^V (M.T.)
NCR	1,923	1,346
I	10,494	8,518
II	881	176
III	30,525	34,331
IV	28,778	15,303
V	11,542	4,675
VI	43,330	46,451
VII	5,779	3,390
VIII	9,406	3,660
IX	17,638	7,801
X	5,456	2,322
XI	5,402	2,336
XII	<u>5,078</u>	<u>3,289</u>
TOTAL	<u>176,232</u>	<u>133,598</u>

^V National Average Yield - 598 kgs./ha./year

C. MUNICIPAL FISHERIES PRODUCTION, BY REGION, 1979
(IN METRIC TONS)

REGION	MARINE MUNICIPAL
NCR	6,505
I	10,678
II	5,438
III	10,162
IV	97,479
V	119,509
VI	88,300
VII	51,225
VIII	36,393
IX-A	128,632
IX-B	63,272
X	59,570
XI	40,932
XII	19,592
TOTAL	737,587
TOTAL INLAND MUNICIPAL	209,371
GRAND TOTAL	<u>946,958</u>

D. COMMERCIAL FISHERIES PRODUCTION, BY REGION, 1979
(IN METRIC TON)

REGION	MARINE COMMERCIAL
NCR	145,698
I	2,050
II	1,486
III	3,886
IV	65,680
V	41,220
VI	137,247
VII	9,180
VIII	14,780
IX-A	7,100
IX-B	44,200
X	2,520
XI	24,500
XII	1,200
TOTAL	<u>500,747</u>

SOURCE OF BASIC DATA: 1979 FISHERIES STATISTICS.

E. COMMERCIAL FISHING VESSELS BY TONNAGE CLASS, ^{2/} 1979

NUMBER	TONNAGE CLASS
6	450-above
47	201-449 GT
141	101-200
311	51-100
<u>1,959</u>	<u>50-below</u>
TOTAL <u>2,464</u>	<u>91,999.08</u> GT

F. ACCESSORY CRAFT TO THE COMMERCIAL FISHING VESSELS ^{2/}
BY TONNAGE CLASS, 1979

NUMBER	TONNAGE CLASS
1	450 - above
34	201 - 449 GT
39	101 - 200
57	51 - 100
325	50 - below
TOTAL- <u>456</u>	<u>25,669</u>

G. PRODUCTION OF COMMERCIAL FISHING VESSELS BY GEAR,
1979

<i>TYPE OF GEAR</i>	<i>PERCENTAGE OF COMMERCIAL CATCH ACCOUNTED FOR</i>
Purse Seine	34.80
Otter Trawl	35.30
Bagnet	19.50
Others	<u>10.40</u>
TOTAL	100.00%

^{2/} Example Bagnet, trawl, purse seine and etc.

^{3/} Example Fish Carrier, Light Boat, Pearling Vessel and etc.

VI. CONSUMPTION

PER CAPITA CONSUMPTION^{1/} (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

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

^{1/} Based on a survey of 1,000 families (1970-1973), NFAC.

B. TEN MAJOR FISHING GROUNDS OF THE PHILIPPINES
CY 1979

<u>MAJOR FISHING</u> <u>GROUND</u>	<u>VOLUME</u> <u>(M.T.)</u>	<u>% TO TOTAL CATCH</u>
1. Sulu Sea (South)	218,678	17.66
2. Visayan Sea	197,874	15.98
3. Lamon Bay	81,872	6.61
4. Samar Sea	78,203	6.32
5. Sulu Sea (East)	57,739	4.66
6. Bohol Sea	53,902	4.35
7. Leyte Gulf	51,078	4.12
8. Guimaras Strait	44,644	3.61
9. Tayabas Bay	42,324	3.42
10. Manila Bay	40,537	3.27

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 (galunggong)	146,206	11.81
2. Sardines (tunsoy, tamban)	106,403	8.59
3. Frigate tunas (tulingan)	79,909	6.45
4. Anchovies	70,909	5.69
5. Slipmouth (sapsap)	70,489	5.68
6. Yellowfin and big-eyed tuna (tambacol)	49,224	3.98
7. Big-eyed scad (matangbaka)	47,027	3.80
8. Skipjack (guliasan)	45,084	3.64
9. Indian mackerel (alumahan)	38,972	3.15
10. Threadfin Bream (bisugo)	32,471	2.62