

**PHILIPPINE FISHERIES PROFILE**  
**(CY 1980)**

**I. FISHERY RESOURCES**

1. Marine Resources

a. Total Marine Water Area	-	1,666,600,000 has.
b. Coastal	-	26,600,000 has.
c. Occanic	-	140,000,000 has.
d. Shelf Area (depth 200 m)	-	184,600 sq.km.
e. Coastline (length)	-	17,460 km.

2. Inland Resources

a. Swamplands	-	<u>380,000 hectares</u>
- Freshwater	-	128,000 hectares
- Brackishwater	-	252,000 hectares
b. Existing Fishpond	-	<u>182,000 hectares</u>
- Freshwater	-	6,000 hectares
- Brackishwater	-	176,000 hectares

3. Other Inland Resources - 250,000 hectares

a. Lakes	-	200,000 hectares
b. Rivers	-	31,000 hectares
c. Reservoirs	-	19,000 hectares

4. Other Supporting Facilities

a. No. of existing municipal fishing bancas	-	214,000
b. No. of commercial fishing boat licenses processed	-	2,998

## II. FISHERIES CONTRIBUTION TO ECONOMY

1. Contribution to Total GNP - 4.4%<sup>1</sup>

### TOTAL FISH PRODUCTION FOR 1980

	<u>QUANTITY</u> (000 MT)	<u>%</u>	<u>VALUE</u> (B P)	<u>%</u>
a. Aquaculture (Fishponds, Fish Cages, Fishpens	179	10.7	1.6	13.8
b. Municipal Fisheries	1,005	60.1	6.2	53.4
c. Commercial Fisheries	488	29.2	3.8	32.8
<b>TOTAL</b>	<u>1,672</u>	<u>100.0</u>	<u>11.6</u>	<u>100.0</u>

### FIVE-YEAR FISH PRODUCTION TREND (1975-1980)

<u>YEAR</u>	<u>QUANTITY</u> (M.T.)	<u>%</u> <u>INCREASE</u>	<u>VALUE</u> (000 P)	<u>%</u> <u>INCREASE</u>
1980	1,672,254	5.75	11,644,350	10.51
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

### 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, 1979 - 1980

<u>1979</u>		<u>1980</u>	
<u>QUANTITY</u> (M.T.)	<u>VALUE</u> (P M)	<u>QUANTITY</u> (M.T.)	<u>VALUE</u> (P M)
65,000	782	76,179	939

<sup>1</sup> Preliminary estimates as of December 1980 based on current prices.

MAJOR TOP TEN FISHERIES EXPORT  
IN TERMS OF VALUE, 1980

	<u>QUANTITY</u> <u>(M.T.)</u>	<u>VALUE</u> <u>(P.M)</u>
1. Frozen/Chilled Tuna	47,290	490
2. Frozen Shrimps	2,633	151
3. Shellcraft Article	1,076	60
4. Dried Seaweeds	13,167	55
5. Ornamental Shells	2,659	23
6. Aquarium Fish	1,972	23
7. Smoked Tuna (Katsuobushi)	551	18
8. Miscellaneous Species (Frozen/Chilled)	1,245	16
9. Mother of Pearl	468	14
10. Frozen Cuttlefish/Squid	382	13

**FISHERY IMPORTS**

<u>1979</u>		<u>1980</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>
46,000	207	53,000	274

## MAJOR IMPORTS FOR 1980

	<u>QUANTITY</u> (Kgs.)	<u>VALUE</u> (P)
a. <u>Canned Mackerel</u>	<u>17,500,257</u>	<u>114,497,904</u>
➤ Japan	17,061,915	111,960,569
➤ China	396,890	2,351,167
➤ Hongkong	41,452	186,168
b. <u>Sardines</u>	<u>10,087,728</u>	<u>74,946,165</u>
➤ Japan	9,685,033	72,798,948
➤ Peru	378,155	1,618,614
➤ Portugal	24,540	528,603
c. <u>Fishmeal</u>	<u>24,621,419</u>	<u>75,232,047</u>
➤ U.S.A.	5,434,381	15,068,135
➤ Peru	3,076,200	10,608,835
➤ Chile	8,246,856	26,774,667
➤ India	1,800,200	4,579,576
➤ Thailand	6,063,732	18,200,699
➤ Japan	50	135

## 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, 1976-1980 (In Thousand Pesos)

	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>
DBP <sup>2/</sup>	226,327	66,557	81,259	82,058	135,794
PNB <sup>3/</sup>	13,362	2,986	4,910	3,813	3,931
Other Commercial Bank <sup>4/</sup>	207,338	NA	NA	NA	NA
Private Development Bank <sup>4/</sup>	18,590	9,580	15,350	17,300	16,300
Rural Banks <sup>4/</sup>	50,600	61,900	72,500	94,200	125,400
Savings Bank <sup>5/</sup>	NA	NA	NA	NA	NA
<b>TOTAL</b>	<b><u>516,217</u></b>	<b><u>141,023</u></b>	<b><u>174,019</u></b>	<b><u>197,371</u></b>	<b><u>281,425</u></b>

##### A. FISH PRODUCTION BY SECTOR (1970-1980) (In Metric Tons)

<u>YEAR</u>	<u>FISHPONDS</u>	<u>MUNICIPAL</u>	<u>COMMERCIAL</u>	<u>TOTAL</u>
1980	178,601 <sup>6/</sup>	1,005,175	488,478	1,672,254
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	1,023,094
1970	96,461	510,546	381,877	988,884

<sup>2/</sup> SOURCE OF DATA: ACCOUNTING DEPARTMENT, DBP

<sup>3/</sup> SOURCE OF DATA: ACCOUNTING DEPARTMENT, PNB

<sup>4/</sup> SOURCE OF DATA: ACCOUNTING DEPARTMENT, CB

<sup>5/</sup> BEGINNING 1977, DATA REFERS TO LOAN OUTSTANDING.

<sup>6/</sup> INCLUDE YIELDS OF FISHPENS/FISH CAGES IN LAGUNA LAKE.

B. FISHPONDS IN OPERATION, BY REGION 1980

<u>REGION</u>	<u>TOTAL AREA (HAS.)</u>	<u>PRODUCTION<sup>Z</sup> (M.T.)</u>
NCR	1,923	1,403
I	10,494	8,812
II	881	176
III	30,525	34,921
IV	28,778	15,650
V	11,542	4,865
VI	43,330	46,751
VII	5,779	3,506
VIII	9,406	3,753
IX	17,638	7,991
X	5,456	2,393
XI	5,402	2,390
XII	<u>5,078</u>	<u>3,340</u>
<u>TOTAL</u>	<u>176,232</u>	<u>135,951</u>

C. MUNICIPAL FISHERIES PRODUCTION, BY REGION, 1980  
(In Metric Tons)

<u>REGION</u>	<u>MARINE MUNICIPAL</u>
NCR	5,070
I	12,033
II	3,380
III	12,585
IV	93,642
V	121,906
VI	103,566
VII	49,230
VIII	35,539
IX-A	140,421
IX-B	83,010
X	53,077
XI	33,251
XII	<u>15,695</u>
<u>TOTAL</u>	762,405
<u>TOTAL INLAND MUN.</u>	242,770
<u>GRAND TOTAL</u>	<u>1,005,175</u>

<sup>Z</sup> NATIONAL AVERAGE YIELD - 598 KGS./HA/YEAR

D. COMMERCIAL FISHERIES PRODUCTION, BY REGION, 1980  
(In Metric Tons)

<u>REGION</u>	<u>MARINE COMMERCIAL</u>
NCR	151,919
I	1,391
II	1,531
III	4,358
IV	63,380
V	39,491
VI	133,723
VII	8,514
VIII	12,650
IX-A	5,889
IX-B	38,354
X	3,104
XI	22,948
XII	1,226
TOTAL	<u>488,478</u>

E. FISHPOND AND FISH CAGES ----- 42,650 M.T.

SOURCE OF BASIC DATA: 1980 FISHERIES STATISTICS

F. COMMERCIAL FISHING VESSELS BY REGION

<u>REGIONS</u>	<u>NUMBER</u>	<u>TOTAL GROSS TONNAGE</u>
I	28	738.60
II	92	517.86
III	125	1,787.50
NCR	1,137	97,538.58
IV	414	12,924.93
V	187	4,204.48
VI	256	12,067.20
VII	240	4,380.77
VIII	94	1,839.89
IX	167	2,248.36
X	47	1,191.96
XI	186	5,560.42
XII	<u>25</u>	<u>609.19</u>
<b>TOTAL</b>	<u>2,998</u>	<u>145,609.74</u>

G. PRODUCTION OF COMMERCIAL FISHING VESSELS BY GEAR,  
1980

<u>TYPE OF GEAR</u>	<u>QUANTITY (MT)</u>	<u>PERCENTAGE OF COMMERCIAL CATCH ACCOUNTED FOR</u>
Purse Seine	163,153	33.40%
Otter Trawl	164,688	33.71
Bagnet	106,194	21.74
Others	<u>54,443</u>	<u>11.15</u>
<b>TOTAL</b>	<u>488,478</u>	<u>100.00%</u>



## VI. CONSUMPTION

### PER CAPITA CONSUMPTION<sup>8/</sup> (Kg./Year)

	<u>NATIONAL</u>	<u>LUZON</u>	<u>VISAYAS</u>	<u>MINDANAO</u>
1. Fish	37.3	37.2	41.3	33.2
> Fresh	21.9	21.9	23.7	19.0
> Dried	3.7	2.9	6.6	3.3
> Processed Fish	4.4	5.1	2.6	5.1
Bagoong	2.6	2.6	1.5	3.3
Patis	0.4	0.4	0	0
Others	1.4	2.2	0.7	1.8
> Crustaceans & Mollusks	7.3	7.3	8.4	5.8
2. Dairy	12.0	15.3	6.9	8.4
3. Poultry Meat	2.6	3.3	1.8	2.8
4. Eggs	2.9	3.7	1.8	1.8
5. Pork	4.4	5.8	1.8	1.5
6. Beef	1.1	1.5	0.4	1.1
7. Carabeef	1.1	0.7	1.1	3.7
8. Fruits	27.0	26.3	28.5	27.4
9. Vegetables	34.3	40.5	24.1	27.0

## 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

<sup>8/</sup> DATA AS OF 1978; FURNISHED BY FNRC

B. TEN MAJOR FISHING AREAS OF THE PHILIPPINES, CY 1980

<u>MAJOR FISHING AREAS</u>	<u>PRODUCTIVITY</u>	
	<u>QUANTITY</u>	<u>% TO TOTAL CATCH</u>
1. Visayan Sea	225,406	18.02
2. Moro Gulf	147,523	11.79
3. West Sulu Sea	123,649	9.88
4. Sulu Sea (South)	113,767	9.09
5. Lamon Bay	83,434	6.67
6. Sulu Sea (East)	74,343	5.94
7. Samar Sea	63,562	5.08
8. Bohol Sea	59,005	4.72
9. Leyte Gulf	39,759	3.18
10. Tayabas Bay	38,965	3.11

C. TEN MAJOR SPECIES OF FISH CAUGHT IN PHILIPPINE WATERS  
CY 1980

<u>SPECIES</u>	<u>QUANTITY (M.T.)</u>	<u>% TO TOTAL CATCH</u>
1. Roundscad (galunggong)	132,129	10.56
2. Sardines (tunsoy, tamban)	117,348	9.38
3. Frigate tunas (tulingan)	96,874	7.74
4. Anchovies	80,163	6.41
5. Slipmouth (sapsap)	60,432	4.83
6. Yellowfin and big-eyed tuna (Tambacol)	48,023	3.84
7. Big-eyed scad (matangbaka)	47,032	3.76
8. Thread fin bream (bisugo)	37,457	2.99
9. Round herring (tulis)	34,128	2.73
10. Skipjack (guliasan)	31,178	2.49