

PHILIPPINE FISHERIES PROFILE  
As of December 1984

I. FISHERY RESOURCES

1. Marine Resources

a. Total Marine Water Area (including EEZ) territorial	-	220,000,000 has.
b. Coastal	-	26,600,000 has.
c. Oceanic	-	193,400,000 has.
d. Shelf Area (depth 200 m)	-	18,460,000 has.
e. Coastline (length)	-	17,460 km

2. Inland Resources

a. Swamplands <sup>1/</sup>	-	<u>357,000 hectares</u>
- Freshwater	-	115,000 hectares
- Brackishwater	-	242,000 hectares
b. Existing Fishpond <sup>2/</sup>	-	<u>221,836 hectares</u>
- Freshwater	-	15,311 hectares
- Brackishwater	-	206,525 hectares

3. Other Inland Resources

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	-	358,639*
b. No. of commercial fishing boat licenses processed	-	3,527

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<sup>1/</sup> Source of data: 1981 Philippine Forestry Statistics.

<sup>2/</sup> Source of data: 1984 Fisheries Statistics

\* Census of Fisheries, CY 1980

## PHILIPPINE FISHERIES PROFILE, CY 1984

## II. FISHERIES CONTRIBUTION TO ECONOMY

1. Contribution to Total GNP <sup>3/</sup>  
 - Current Prices - 3.8%  
 - Constant Prices - 4.3%

TOTAL FISH PRODUCTION FOR 1984 <sup>4/</sup>

	<u>QUANTITY</u> <u>(000 MI)</u>	<u>%</u>	<u>VALUE</u> <u>(B P)</u>	<u>%</u>
a. Aquaculture	478	23.0	7.3	28.5
b. Municipal Fisheries	1,089	52.3	11.8	46.1
c. Commercial Fisheries	<u>513</u>	<u>24.7</u>	<u>6.5</u>	<u>25.4</u>
TOTAL -----	<u>2,080</u>	<u>100.0</u>	<u>25.6</u>	<u>100.0</u>

## FIVE-YEAR FISH PRODUCTION TREND (1979-1984)

<u>YEAR</u>	<u>QUANTITY</u> <u>(MI)</u>	<u>% INCREASE</u>	<u>VALUE</u> <u>(000 P)</u>	<u>% INCREASE</u>
1984 <sup>4/</sup>	2,080,439	(1.41)	25,649,933	35.13
1983	2,110,230	11.24	18,981,459	26.00
1982	1,896,983	7.00	15,063,966	7.96
1981	1,772,897	6.02	13,953,798	19.83
1980	1,672,254	5.75	11,644,350	10.51
1979	1,581,303	.06	10,536,747	11.18

## EMPLOYMENT

a. Inland Fisheries-----	222,000 persons <sup>5/</sup>
b. Municipal Fisheries-----	773,042 persons <sup>6/</sup>
c. Commercial Fisheries-----	<u>44,618 persons <sup>5/</sup></u>
T O T A L -----	<u>1,039,660 persons</u>

<sup>3/</sup> Preliminary estimate as of May 1985.Source of data: NEDA, Statistical Coordination Office,  
National Accounts Staff, NEDA<sup>4/</sup> Preliminary data

Source of data: Fisheries Statistics Section

<sup>5/</sup> Fisheries Statistics, CY 1984.<sup>6/</sup> Census of Fisheries, CY 1980

## PHILIPPINE FISHERIES PROFILE ...

## III. EXTERNAL TRADE

## FISHERY EXPORTS, 1983-1984\*

1983		1984	
QUANTITY (M.T.)	VALUE (P M)	QUANTITY (M.T.)	VALUE (P M)
75,589	1,593	63,055	2,179

MAJOR TOP TEN FISHERIES EXPORT  
IN TERMS OF VALUE, 1984

	QUANTITY (M.T.)	VALUE (P 000)
1. Tuna	36,029	996,330
Frozen/Chilled	13,387	258,961
Dried	43	1,046
Canned **	22,599	736,323
2. Shrimp	6,808	541,666
Live	23	1,301
Frozen/Chilled	6,229	531,949
Dried	556	8,416
3. Shellcraft articles	736	259,199
4. Seaweeds	10,890.4	82,264
Dried	10,218	80,024
Treated	38	1,214
Fresh	.4	6
Kelp Meal Powder	634	1,020
5. Aquarium Fish (Live)	427	50,616
6. Cuttlefish	761	35,328
Frozen/Chilled	702	33,020
Dried	59	2,308
7. Misc. Fish (Frozen/Chilled)	1,531	31,668
8. Milkfish	1,158	29,484
Live Fingerlings	3	212
Frozen/Chilled	1,155	29,272
9. Ornamental Shells	758	20,816
10. Shark Liver Oil	331	19,862

\* Preliminary data.

\*\* Source of data: National Census and Statistics Office.

## PHILIPPINE FISHERIES PROFILE...

## FISHERY IMPORTS\*

1983		1984	
QUANTITY (M.T.)	VALUE (P M)	QUANTITY (M.T.)	VALUE (P M)
23,038	110.9	6,097	50.3

## MAJOR IMPORTS FOR 1984

	QUANTITY (KGS)	VALUE (P)
a. <u>Frozen Tuna</u>	<u>1,250,000</u>	<u>16,354,704</u>
- Indonesia	1,250,000	16,354,704
b. <u>Fishmeal</u>	<u>4,815,798</u>	<u>30,712,389</u>
- USA	658,956	4,485,565
- Peru	1,387,388	9,845,729
- Thailand (Siam)	575,394	3,062,576
- Japan	472,500	7,476,475
- Brazil	1,600,560	5,021,817
- Denmark	18,000	156,066
- Chile	102,000	658,581
- West Germany	1,000	5,580

\* Preliminary data,  
Source of data: National Census and Statistics Office

## PHILIPPINE FISHERIES PROFILE.....

## MAJOR SOURCES OF FISHERY IMPORTS

Indonesia  
 Peru  
 Japan  
 Brazil  
 USA  
 Thailand (Siam)  
 Australia  
 Chile  
 Hongkong  
 Denmark

 IV. MAGNITUDE OF FISHERY LOANS GRANTED BY FINANCING INSTITUTIONS, 1982-83  
 (P M AT CURRENT PRICES) <sup>7/</sup>

	1982			1983		
	GOVERN- MENT	PRIVATE	TOTAL	GOVERN- MENT	PRIVATE	TOTAL
Production	91.8	1,445.4	1,537.2	32.6	2,346.50	2,397.1
Processing	3.0	-	3.0	0.7	1,635.4	1,636.1
Marketing	8.3	716.0	724.3	4.1	813.0	817.1
Others	-	-	-	5.3	-	5.3
TOTAL-----	<u>103.1</u>	<u>2,161.4</u>	<u>2,264.5</u>	<u>42.7</u>	<u>4,812.9</u>	<u>4,855.6</u>

<sup>7/</sup> Source: TBAC's Technical Paper on Fisheries Credit Requirement, 1983

## PHILIPPINE FISHERIES PROFILE, CY 1984....

## V. FISH PRODUCTION

A. FISH PRODUCTION, BY SECTOR (1974-1984)  
(In Metric Tons)

<u>YEAR</u>	<u>AQUACULTURE</u>	<u>MUNICIPAL</u>	<u>COMMERCIAL</u>	<u>TOTAL</u>
1984 <sup>8/</sup>	477,887	1,089,217	513,335	2,080,439
1983	445,073	1,145,841	519,316	2,110,230
1982	392,348	978,362	526,273	1,896,983
1981	339,501	938,628	494,768	1,772,897
1980	289,166	894,610	488,478	1,672,254
1979	241,198	839,358	500,747	1,581,303
1978	216,655	857,909	505,840	1,580,404
1977	163,590	827,100	518,165	1,508,855
1976	159,292	725,994	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

## B. FISH PRODUCTION, BY SECTOR, BY REGION, 1984

## 1. AQUACULTURE FISH PRODUCTION

A. FRESHWATER FISHPONDS

<u>REGION</u>	<u>TOTAL AREA (HA)</u>	<u>PRODUCTION (M.T.)</u>
NCR	-	-
I	1,238	1,799
II	1,245	880
III	11,393	9,540
IV	372	203
V	106	31
VI	108	54
VII	-	-
VIII	28	12
IX-A	-	-
IX-B	127	51
X	335	260
XI	250	171
XII	109	110
TOTAL -----	<u>15,311</u>	<u>13,111</u>

<sup>8/</sup>  
Preliminary data.

## PHILIPPINE FISHERIES PROFILE, CY 1984

## V. FISH PRODUCTION

## B. FISH PRODUCTION (cont'd)

## 1. AQUACULTURE PRODUCTION....

B. BRACKISHWATER FISHPONDS

<u>REGION</u>	<u>TOTAL AREA (HA.)</u>	<u>PRODUCTION (M.T.)</u> <sup>9/</sup>
NCR	693	624
I	16,680	20,196
II	1,510	393
III	53,248	61,489
IV	26,050	16,939
V	13,214	6,268
VI	50,108	63,723
VII	6,460	3,463
VIII	5,953	2,778
IX-A	1,448	705
IX-B	14,563	9,034
X	3,876	3,115
XI	8,191	6,284
XII	<u>4,531</u>	<u>3,718</u>
TOTAL-----	<u>206,525</u>	<u>198,729</u>

C. PRODUCTION OF FISHPEN AND FISH CAGES

<u>REGION</u>	<u>FISHPEN</u>	<u>FISHCAGES</u>
NCR	-	-
I	-	-
II	-	160
III	50	40
IV	81,846	4,488
V	-	1,927
VI	-	-
VII	-	-
VIII	10	30
IX-A	-	-
IX-B	-	-
X	-	-
XI	57	362
XII	<u>3</u>	<u>63</u>
TOTAL-----	<u>81,966</u>	<u>7,070</u>

<sup>9/</sup>

National Average Yield - 962 kgs/ha/yr

## PHILIPPINE FISHERIES PROFILE, CY 1984....

## V. FISH PRODUCTION

## B. FISH PRODUCTION (cont'd)

## 1. AQUACULTURE PRODUCTION....

D. PRODUCTION OF OYSTERS, MUSSELS AND SEAWEEDS

<u>REGION</u>	<u>OYSTERS</u>	<u>MUSSELS</u>	<u>SEAWEEDS</u>
NCR	-	4,500	-
I	6,084	-	-
II	-	-	-
III	2,792	-	-
IV	3,500	6,518	1,800
V	20	-	-
VI	2,110	9,288	-
VII	-	-	18,512
VIII	100	-	4,340
IX-A	-	-	102,126
IX-B	-	-	15,304
X	-	-	-
XI	11	-	6
XII	-	-	-
TOTAL -----	<u>14,617</u>	<u>20,306</u>	<u>142,088</u>



## PHILIPPINE FISHERIES PROFILE, CY 1984....

## V. FISH PRODUCTION

2. MUNICIPAL FISHERIES PRODUCTION, BY REGION 1984  
(In Metric Tons)

<u>REGION</u>	<u>MARINE</u>	<sup>fresh</sup> <u>FRESHWATER</u>	<u>TOTAL</u>
NCR	7,529	4	7,533
I	9,910	557	10,467
II	7,644	7,761	15,405
III	15,738	5,570	21,308
IV	140,855	243,057	383,912
V	87,002	2,943	89,945
VI	138,261	2,150	140,411
VII	24,254	15	24,269
VIII	32,210	270	32,480
IX-A	52,904	-	52,904
IX-B	147,249	1,101	148,350
X	71,945	2,475	74,420
XI	31,496	700	32,196
XII	<u>22,978</u>	<u>32,639</u>	<u>55,617</u>
TOTAL-----	<u>789,975</u>	<u>299,242</u>	<u>1,089,217</u>

3. COMMERCIAL FISHERIES PRODUCTION, BY REGION 1984  
(In Metric Tons)

<u>REGION</u>	<u>MARINE COMMERCIAL</u>
NCR	134,273
I	2,140
II	1,963
III	7,941
IV	52,608
V	35,658
VI	119,844
VII	42,005
VIII	9,717
IX-A	10,104
IX-B	55,662
X	5,731
XI	34,982
XII	<u>707</u>
TOTAL-----	<u>513,335</u>

## PHILIPPINE FISHERIES PROFILE, CY 1984

## V. FISH PRODUCTION UNITS (cont'd)

C. COMMERCIAL FISHING VESSELS BY REGION <sup>10/</sup>  
CY 1984

<u>REGIONS</u>	<u>NUMBER</u>	<u>TOTAL GROSS INCOME</u>
NCR	1,258	94,056.71
I	31	644.69
II	133	703.76
III	94	1,346.84
IV	494	9,533.63
V	187	5,196.98
VI	372	20,434.67
VII	240	3,583.26
VIII	104	1,500.66
IX	239	5,542.40
X	59	1,415.26
XI	303	8,544.46
XII	<u>13</u>	<u>324.43</u>
TOTAL-----	<u>3,527</u>	<u>152,827.75</u>

## D. PRODUCTION OF COMMERCIAL FISHING VESSELS BY GEAR, 1984

<u>TYPE OF GEAR</u>	<u>QUANTITY (M.T.)</u>	<u>PERCENTAGE (OF COMMERCIAL CATCH ACCOUNTED FOR)</u>
Purse Seine	193,054	37.60
Otter Trawl	151,053	29.43
Bagnet	93,990	18.31
Others	<u>75,238</u>	<u>14.66</u>
TOTAL-----	<u>513,335</u>	<u>100.00%</u>

<sup>10/</sup>

Source of Data: Licenses Division

## PHILIPPINE FISHERIES PROFILE, CY 1984

VI. CONSUMPTION <sup>11/</sup>A. PER CAPITA CONSUMPTION OF FISH AS OF 1982  
(Kg/year)

	<u>NATIONAL</u>	<u>LUZON</u>	<u>VISAYAS</u>	<u>MINDANAO</u>
1. Fish	<u>40</u>	<u>36</u>	<u>49</u>	<u>46</u>
- Fresh	<u>25</u>	<u>22</u>	<u>31</u>	<u>28</u>
- Dried	<u>4</u>	<u>3</u>	<u>6</u>	<u>4</u>
- Processed Fish	<u>4</u>	<u>5</u>	<u>3</u>	<u>6</u>
Bagoong	2	2	2	4
Patis	n*	1	n*	n*
Others	2	2	1	2
- Crustaceans & Mollusks	<u>7</u>	<u>6</u>	<u>9</u>	<u>8</u>

## B. PER CAPITA CONSUMPTION OF OTHER FOOD AS OF 1982

	<u>NATIONAL</u>	<u>LUZON</u>	<u>VISAYAS</u>	<u>MINDANAO</u>
1. Dairy	16	20	11	7
2. Poultry Meat	4	5	3	2
3. Eggs	3	4	2	2
4. Pork	7	9	4	8
5. Beef	1	2	1	n*
6. Carabeef	n*	n*	n*	n*
7. Fruits	30	30	33	27
8. Vegetables	27	33	16	24

## VII. OTHER INFORMATION

## A. TEN MAJOR LAKES OF THE PHILIPPINES

<u>NAMES OF LAKES</u>	<u>LOCATION</u>	<u>AREA (HA.)</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. Lunao Lake	Agusan Sur	1,185

<sup>11/</sup> Source of Data: Food and Nutrition Research Institute  
\* Negligible

## PHILIPPINE FISHERIES PROFILE, CY 1984

## VII. OTHER INFORMATION

B. TEN MAJOR SPECIES OF FISH CAUGHT IN PHILIPPINE WATERS  
CY 1984

<u>SPECIES</u>	<u>QUANTITY</u> <u>(M.T.)</u>	<u>% TO TOTAL</u> <u>CATCH</u>
1. Tuna and tuna like species	225,799	<u>17.32</u>
- Frigate tunas (tulingan)	80,305	
- Yellowfin and big-eyed tuna (tambacol)	58,924	
- Skipjack (guliasan)	44,671	
- Eastern little tuna (oceanic bonito katchorita)	41,899	
2. Roundscad (galunggong)	131,583	10.10
3. Sardines (tunsoy, tamban)	109,027	8.36
4. Anchovies (dilis)	99,545	7.63
5. Slipmouth (sapsap)	66,784	5.12
6. Thread fin bream (bisugo)	41,321	3.17
7. Big-eyed scad (matangbaka)	37,513	2.88
8. Round herring (tulis)	35,125	2.69
9. Indian mackerel (alumahan)	33,192	2.55
10. Indo-pacific mackerel (hasa-hasa)	27,650	2.12