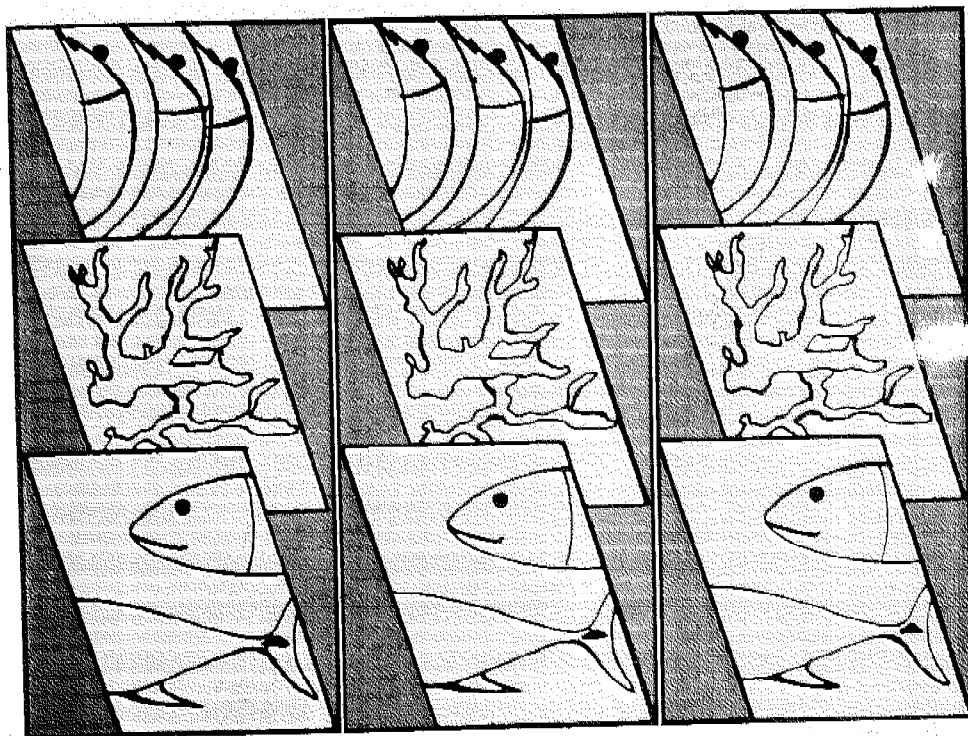


1991 PHILIPPINE FISHERIES PROFILE



DEPARTMENT OF AGRICULTURE
Bureau of Fisheries and Aquatic Resources
860 Quezon Ave., Quezon City, Metro Manila

HIGHLIGHTS

1. The Philippines ranked as 11th among the largest fish producer in the world as per FAO Statistics, 1989.
2. The Philippines was the 3rd biggest producer of tuna and tuna like fishes in the Asian Region in 1989 with Japan on the lead, followed by Indonesia.
3. As an economic sector, fisheries accounted for 3.7% and 4.4% to the Philippine Gross National Product (GNP) in 1991 at current and constant prices, respectively.

It contributed 17.6% (P46.1 B) to the total output of P261.7 billion at current prices in agriculture, fisheries and forestry.

4. The fishing industry employs an estimated 1 million fishermen and fishfarmers; with 258,480 (26%) engaged in aquaculture operations, 675,677 (68%) in municipal fisheries, and 56,715 (6%) in commercial fishing.
5. The annual growth rates achieved by Philippine fisheries from 1982 to 1991 were registered at 3.6% and 16.6% in quantity and value, respectively.
6. The fishing industry produced 2.599 million metric tons for 1991 which is a 3.8% increase over last year's production of 2.503 million metric tons.

7. Production was mainly contributed by municipal capture fisheries with 44%, followed by commercial fisheries with 29%, and aquaculture sector, 27%.

8. Leading fishery exports, frozen shrimp/prawns and prepared tuna, accounted for 75% of the total exports for 1991.

These fishery products contributed P7.5 B and P3.1 B, respectively, or a total of P10.6 B to the total export of P14.0 B in 1991.

9. The value of imports of fish and fishery products increased by 25% from P1.853 billion in 1990 to P2.323 billion in 1991.

10. Comprising the bulk of fishery imports are the following:

a) Frozen/chilled fish (69%) which includes tuna (39%); sardines (25%) and mackerel (5%)

b. Fish meal (23%)

These accounted for P2.13 billion or 92% of the total imports of P2.32 billion in 1991.

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I. THE PHILIPPINE FISHERY RESOURCES

II. THE FISHERIES CONTRIBUTION TO ECONOMY

**PHILIPPINE FISHERIES PROFILE
AS OF DECEMBER 1991**

I. FISHERY RESOURCES

A. Marine Resources

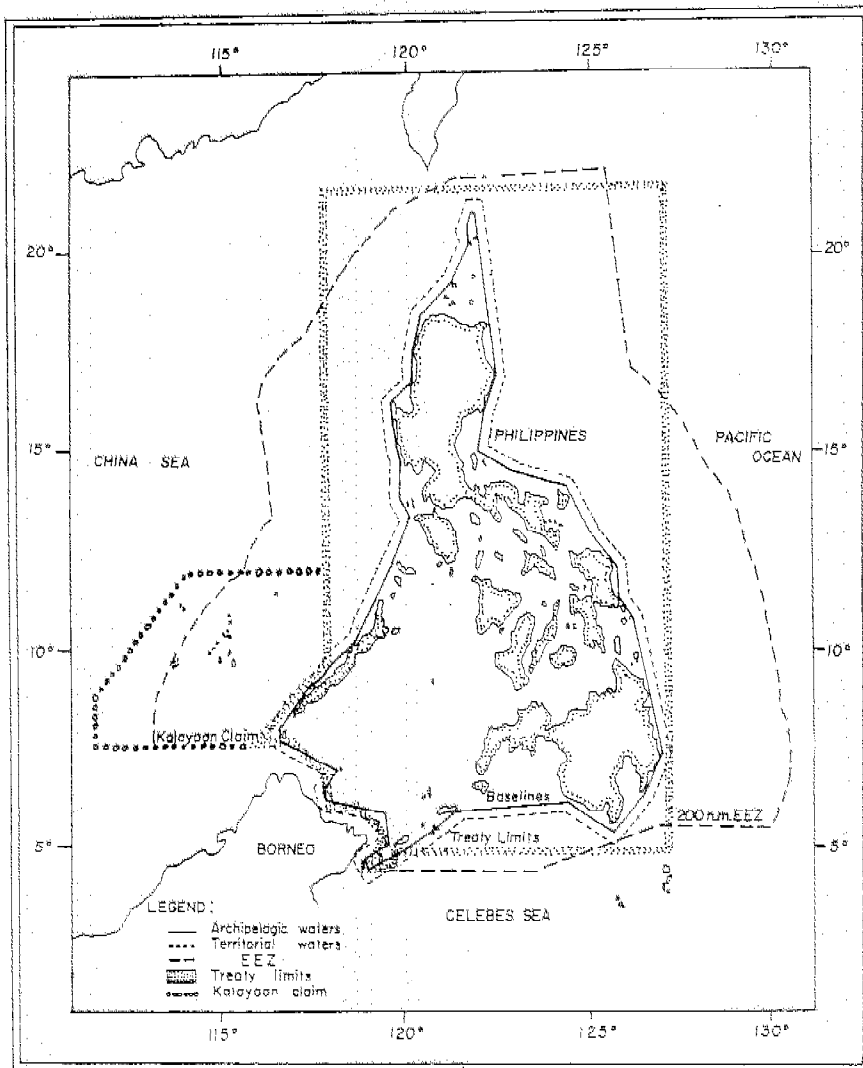
- | | |
|---|--|
| 1. Total Territorial Water Area (including the EEZ) | <u>220,000,000 ha.</u> |
| a. Coastal | 26,600,000 ha.
(12% of the total) |
| b. Oceanic | 193,400,000 ha.
(88% of the total) |
| 2. Shelf Area (Depth 200 m.) | <u>18,460,000 ha.</u>
(8% of the total) |
| 3. Coral Reef Area | <u>27,000 sq. km.</u>
(Within the 10-20 fathoms where reef fisheries occur) |
| 4. Coastline (Length) | <u>17,460 km.</u> |

B. Inland Resources

- | | |
|--------------------------------|--------------------|
| 1. Swamplands <u>1/</u> | <u>338,393 ha.</u> |
| a. Freshwater | 106,328 ha. |
| b. Brackishwater | 232,065 ha. |
| 2. Existing Fishpond <u>2/</u> | <u>237,438 ha.</u> |
| a. Freshwater | 14,531 ha. |
| b. Brackishwater | 222,907 ha. |
| 3. Other Inland Resources | <u>250,000 ha.</u> |
| a. Lakes | 200,000 ha. |
| b. Rivers | 31,000 ha. |
| c. Reservoirs | 19,000 ha. |

FIGURE I

PHILIPPINE MARINE JURISDICTIONAL BOUNDARIES



II. FISHERIES CONTRIBUTION TO ECONOMY

A. Fisheries Contribution to Total GNP 3/

1. At Current Prices - 3.7%
2. At Constant Prices - 4.4 %

B. Fisheries Contribution to Agricultural Sector 3/

	At Current Prices (In MPP)	% to Agri- cultural Sector	At Constant Prices (In MP)	% to Agri- cultural Sector
1. Agricultural crops (Palay, corn coconut, & etc.	141,084	53.9	86,074	53.2
2. Livestock	33,869	13.0	17,064	10.6
3. Poultry	20,710	7.9	12,610	7.8
4. Agricultural activities services	11,212	4.3	7,823	4.8
5. Fishery	46,170	17.6	31,499	19.5
6. Forestry	8,679	3.3	6,640	4.1
TOTAL	261,724	100.0	161,710	100.0

C. Employment

1. Aquaculture	258,480 persons	<u>4/</u>
2. Municipal	675,677 persons	<u>5/</u>
3. Commercial	56,715 persons	<u>4/</u>
TOTAL	990,872	

D. Balance of Trade 6/

	1991			1990		
	Quantity (MT)	FOB (P M)	Value (\$ M)	Quantity (mt)	FOB (P M)	Value (\$ M)
Fishery Exports	144,939	14,048.9	513.9	143,039	11,528	474.3
Fisher Imports	193,635	2,323.4	84.7	196,115	1,853	75.1
Balance of Trade	(48,696)	11,725.5	429.2	(53,076)	9,675	399.2

E. Total Fish Production by Sector, 1991

	Quantity 000 (mt)	%	Value (P B)	%
1. Aquaculture	692	26.6	22.7	37.8
2. Municipal Fisheries	1,147	44.1	22.1	36.9
3. Commercial Fisheries	760	29.3	15.2	25.3
TOTAL	2,599	100.0	60.0	100.0

TOTAL FISH PRODUCTION, 1991

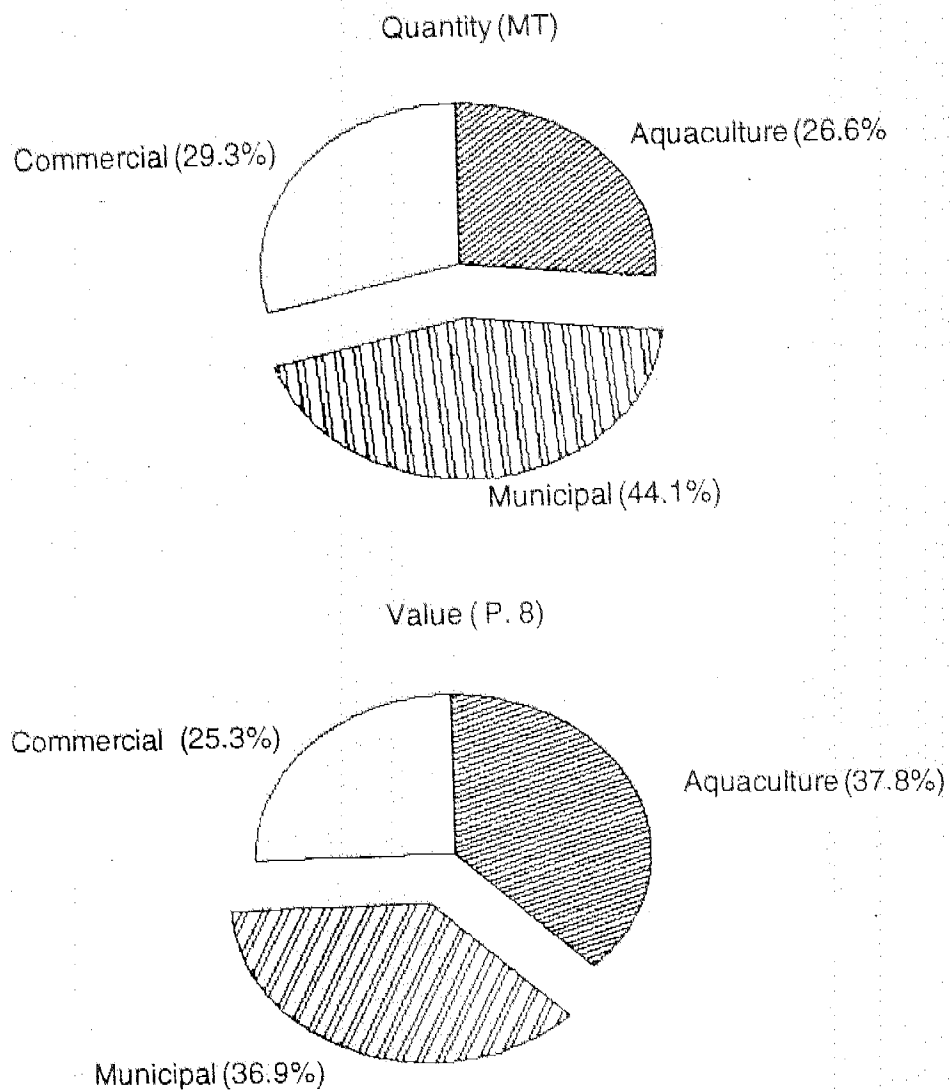


FIGURE 2

F. Fish Production, by Sector and by Region, 1991
(in MT)

Region	Total	Commercial	Municipal	Aquaculture
NCR	250,810	234,256	9,599	6,955
CAR	893	-	392	501
I	69,253	5,247	22,551	41,455
II	22,976	5,570	14,080	3,326
III	150,141	8,270	34,500	107,371
IV	492,636	68,806	352,996	70,834
V	109,661	17,489	77,622	14,550
VI	391,409	98,125	187,088	106,196
VII	155,494	107,900	20,162	27,432
VIII	84,823	37,312	33,378	14,133
IX	593,807	109,635	205,199	278,973
X	96,374	5,692	86,300	4,382
XI	135,153	60,571	63,138	11,444
XII	45,551	942	39,760	4,849
TOTAL	2,598,981	759,815	1,146,765	692,401

**G. Fish Production, by Sector 1982-1991
(In Metric Tons)**

Year	Aquaculture	Municipal	Commercial	Total
1991	692,401	1,146,765	759,815	2,598,981
1990	671,116	1,131,866	700,564	2,503,546
1989	629,345	1,104,626	637,138	2,371,109
1988	599,554	1,070,195	599,995	2,269,744
1987	560,970	1,060,878	591,192	2,213,040
1986	470,893	1,072,361	546,230	2,089,484
1985	494,742	1,045,382	511,987	2,052,111
1984	477,887	1,089,046	513,335	2,080,268
1983	445,073	1,145,841	519,316	2,110,230
1982	392,348	978,362	526,273	1,896,983

H. Five Year Fish Production, Trend 1987-1991

Year	Quantity (M T)	% Increase/ (Decrease)	Value (000 P)	% Increase (Decrease)
1991	2,598,981	3.8	60,033,289	15.1
1990	2,503,546	5.6	52,177,157	15.7
1989	2,371,109	4.5	45,093,712	7.1
1988	2,269,744	2.6	42,118,213	12.8
1987	2,213,040	5.9	37,349,479	0.1

PHILIPPINE FISH PRODUCTION

by Sector (1982-1991)

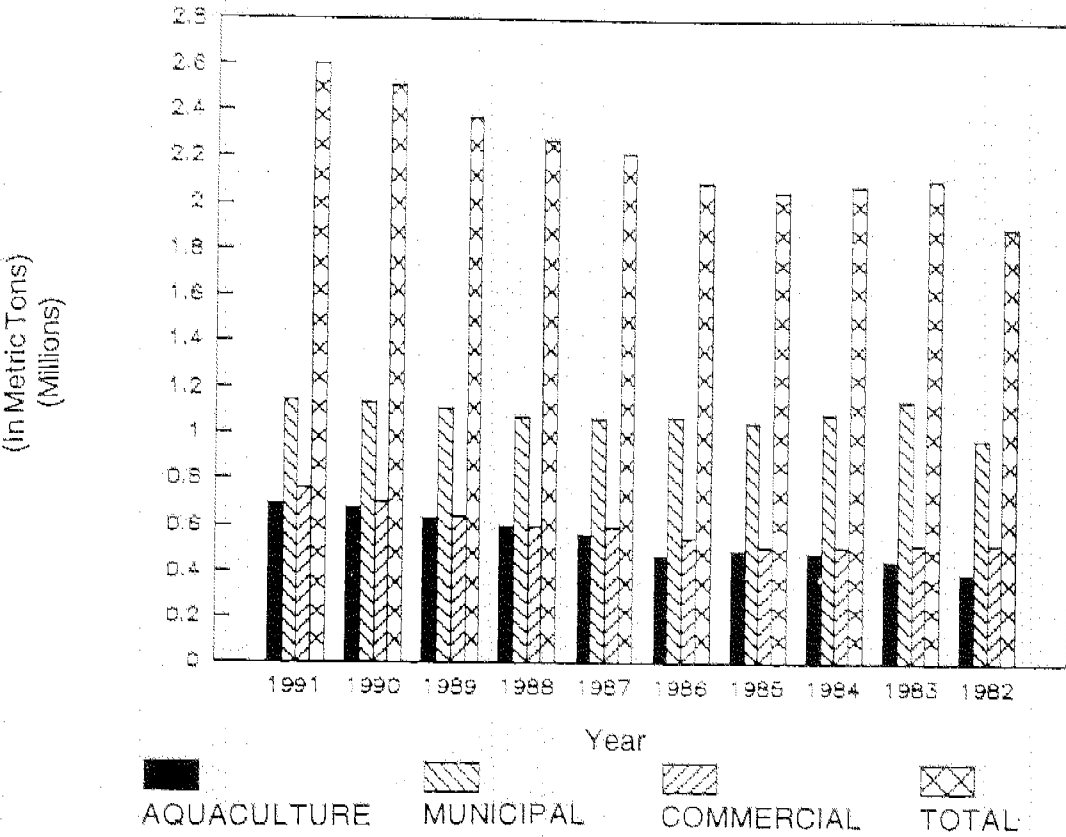


FIGURE 3

III. AQUACULTURE FISH PRODUCTION BY REGION, 1991

(This includes its three sub-sectors namely: 1) brackishwater culture for fishponds, 2) freshwater culture for fishpen, fishcage, and fishpond; and 3) mariculture for oyster, mussel and seaweeds.)

A. SUMMARY OF AQUACULTURE PRODUCTION, BY TYPE OF CULTURE, BY REGION, 1991 (In Metric Tons)

Region	Total Aqua- culture	Brackish- water Fishpond	F r e s h w a t e r			Manculture
			Fishpond	Fish- pen	Fish Cage	
NCR	6,955	675	-	3880	350	2,050
CAR	501	-	406	-	95	-
I	41,455	31,303	2,437	10	14	7,691
II	3,326	1,146	1,640	-	473	67
III	107,371	75,497	30,574	43	603	654
IV	70,834	22,790	658	21,614	14,330	11,442
V	14,550	6,573	167	-	7,602	208
VI	106,196	101,951	739	-	-	3,506
VII	27,432	9,409	-	-	-	18,023
VIII	14,133	3,331	139	34	85	10,544
IX	278,973	19,931	215	291	18	258,518
X	4,382	3,695	548	-	-	139
XI	11,444	10,299	290	59	356	440
XII	4,849	4,675	161	-	13	-
TOTAL	692,401	291,275	37,974	25,931	23,939	313,282

**B. AQUACULTURE PRODUCTION BY SUB SECTORS,
BY SPECIES AND BY REGION, 1991**

**1. Production from Brackishwater Fishpond
(in mt.)**

Region	Total	Bangus	Sugpo	Others*
NCR	675	509	57	109
CAR	0	-	-	-
I	31,303	23,561	4,556	3,186
II	1,146	904	35	207
III	75,497	47,393	11,045	17,059
IV	22,790	11,945	8,658	2,187
V	6,573	4,383	1,433	757
VI	101,951	82,104	14,876	4,971
VII	9,409	8,123	783	503
VIII	3,331	2,679	499	153
IX	19,931	17,104	1,935	892
X	3,695	3,445	237	13
XI	10,299	7,792	782	1,725
XII	4,675	3,732	844	99
TOTAL	291,275	213,674	45,740	31,861

* Tilapia (14,072); endeavor prawn (4,249); Grouper (2,066) White Shrimp (1,445); Mudcrab (597); siganid & spadefish (35); seabass & grouper (9,397)

2. Production from Freshwater Fishponds
(in mt)

Region	Total	Tilapia	Carp
NCR	-	-	-
CAR	406	406	-
I	2,437	2,019	418
II	1,640	1,640	-
III	30,574	30,574	-
IV	658	658	-
V	167	167	-
VI	739	608	131
VII	-	-	-
VIII	139	139	-
IX	215	215	-
X	548	481	67
XI	290	290	-
XII	161	161	-
TOTAL	37,974	37,358	616

3. Production from Fishpen, 1991
(in mt)

Region	Total	Bangus	Tilapia	Others
NCR	3,880	2695	816	369
CAR	-	-	-	-
I	10	8	-	2
II	-	-	-	-
III	43	9	34	-
IV	21,614	17,528	3,106	980
V	-	-	-	-
VI	-	-	-	-
VII	-	-	-	-
VIII	34	-	34	-
IX	291	169	89	33
X	-	-	-	-
XI	59	40	13	6
XII	-	-	-	-
TOTAL	25,931	20,449	4,092	1,390

4. Production from Fish Cages, 1991
(in mt)

Region	Total	Tilapia	Carp
NCR	350	290	60
CAR	95	95	-
I	14	14	-
II	473	473	-
III	603	552	51
IV	14,330	11,621	2,709
V	7,602	7,602	-
VI	0	-	-
VII	0	-	-
VIII	85	85	-
IX	18	17	1
X	0	-	-
XI	356	286	70
XII	13	13	-
TOTAL	23,939	21,048	2,891

5. Production from Mariculture, 1991

Region	Total	Oyster	Mussels	Seaweeds
NCR	2,050	-	2,050	-
CAR	-	-	-	-
I	7,691	7,659	-	32
II	67	-	-	67
III	654	550	104	-
IV	11,442	1,088	6,275	4,079
V	208	135	52	21
VI	3,506	2,704	802	-
VII	18,023	-	-	18,023
VIII	10,544	-	8,062	2,482
IX	258,518	-	-	258,518
X	139	-	-	139
XI	440	18	-	422
XII	-	-	-	-
TOTAL	313,282	12,154	17,345	283,783

C. MAJOR SPECIES PRODUCED IN AQUACULTURE, 1991

Species	Quantity (MT)	Percent (%)
Seaweeds	283,783	41.0
Bangus (milkfish)	234,123	33.8
Tilapia (cichlid)	76,570	11.0
Shrimps/Prawns	51,434	7.4
Tiger Prawns	45,740	
White Shrimps	1,445	
Endeavor Prawns	4,249	
Mussels	17,345	2.5
Others	29,146	4.2
TOTAL	692,401	100.0

D. TEN MAJOR LAKES OF THE PHILIPPINES 71

Names of Lakes	Location	Area (ha)
1. Laguna de Bay	Laguna and Rizal	90,000
2. Lake Lanao	Lanao del Sur	34,000
3. Taal Lake	Batangas	33,432
4. Naujan Lake	Oriental Mindoro	8,000
5. Lake Mainit	Surigao del Sur & Agusan del Norte	7,340
6. Lake Buluan	Maguindanao and Sultan Kudarat	6,500
7. Lake Bato	Camarines Sur and Albay Provinces	3,800
8. Lake Buhi	Camarines Sur	1,800
9. Lake Wood	Zamboanga del Sur	
10. Lake Danao	Camotes Island, Cebu	480
TOTAL		186,072

**IV. MUNICIPAL FISHERIES FISH PRODUCTION
BY REGION, 1991**

(This includes fishing done in coastal and inland waters with or without the use of boats of 3 gross tonnage or less.)

A. MUNICIPAL FISHERIES PRODUCTION, BY REGION, 1991
(in mt.)

Region	Marine	Inland	Total
NCR	9,592	7	9,599
CAR	-	392	392
I	21,973	578	22,551
II	8,730	5,350	14,080
III	27,197	7,303	34,500
IV	161,133	191,863	352,996
V	72,397	5,225	77,622
VI	184,038	3,050	187,088
VII	20,130	32	20,162
VIII	32,494	884	33,378
IX	203,376	1,823	205,199
X	82,987	3,313	86,300
XI	62,433	705	63,138
XII	27,044	12,716	39,760
TOTAL	913,524	233,241	1,146,765

B. NUMBER OF MUNICIPAL FISHING BANCAS, BY REGION

Region	1980 ^{5/}			1985 ^{8/}		
	Total	Motorized	Non-Moto- rized	Total	Motorized	Non-Moto- rized
NCR	3,223	2,463	760	3,553	3,046	507
I	10,894	5,258	5,636	12,720	7,519	5,201
II	6,479	999	5,480	3,085	1,138	1,947
III	16,365	9,378	6,987	21,433	13,685	7,748
IV	53,323	22,290	31,033	54,617	32,232	22,385
V	39,739	10,727	29,012	49,303	18,563	30,740
VI	27,524	8,788	18,736	28,327	12,882	15,445
VII	48,263	9,203	39,060	64,740	21,286	43,454
VIII	43,416	7,598	35,818	40,702	10,782	29,920
IX	44,489	10,088	34,401	113,459	37,208	76,251
X	26,775	7,028	19,747	20,370	9,288	11,082
XI	24,387	7,868	16,519	35,174	18,883	16,291
XII	22,961	3,402	19,559	16,912	7,464	9,448
TOTAL	367,838	105,090	262,748	464,395	193,976	270,419

V. COMMERCIAL FISHERIES FISH PRODUCTION
BY REGION, 1991

(Fishing in the offshore waters with the use of fishing
vessels more than 3 gross tons.)

A. COMMERCIAL FISHERIES PRODUCTION, BY REGION, 1991
(in mt)

Region	Marine Commercial
NCR	234,256
CAR	-
I	5,247
II	5,570
III	8,270
IV	68,806
V	17,489
VI	98,125
VII	107,900
VIII	37,312
IX	109,635
X	5,692
XI	60,571
XII	942
TOTAL	759,815

B. MAJOR SPECIES CAUGHT IN MARINE WATERS, 1991

	Quantity (MT)	% to Total Catch
1. Tuna and tuna like species	339,074	20.3
Frigate tunas (tulingan)	93,236	
Yellowfin and big-eyed tuna (tambakol)	95,594	
Skipjack (guliasan)	102,394	
Eastern little Tuna (oceanic bonito katchorita)	47,850	
2. Roundscad (galonggong)	277,330	16.6
3. Sardines (tunsoy, tamban)	157,988	9.4
4. Anchovies (dilis)	100,882	6
5. Slipmouth (sapsap)	69,955	4.2
6. Indian mackerel (alumahan)	61,726	3.7
7. Threadfin bream (bisugo)	45,644	2.7
8. Big-eyed Scad (matangbaka)	36,264	2.2
9. Indo-Pacific Mackerel (hasa-hasa)	28,297	1.7
10. Grouper (lapu-lapu)	26,555	1.6
11. Others	529,624	31.6
TOTAL	1,673,339	100

VI. EXTERNAL TRADE

A. EXPORT**1. Export of Fish and Fishery Products
By Kind, Quantity and Value, 1991**

	Quantity (MT)	FOB Value (000 P) (000 \$)	
1. Fish Crustaceans, Mollusks, Etc. and Preparation	112,748	12,774,751	467,412
a. Fish fresh (live or dead) chilled or frozen	17,033	875,421	32,086
b. Fish, dried, salted or in brine, smoked fish	721	47,279	1,728
c. Crustaceans, mollusks and aquatic invertebrates	43,935	8,725,815	319,405
d. Fish and other aquatic invertebrate, prepared/ preserved	51,059	3,126,236	114,193
2. Shells and By-Products	3,357	528,718	19,299
3. Miscellaneous and Other Fishery Products	28,834	745,445	27,236
GRAND TOTAL	144,939	14,048,914	513,947

2. Major Fishery Export in Terms of Value, 1991

Commodity/Kind	Quantity (MT)	FOB Value (000 P)	FOB Value (000 \$)
1) Shrimps and Prawns	30,462	7,458,756	272,965
Frozen/Chilled	29,607	7,352,138	269,459
Shrimps & Prawn other than Frozen	665	84,793	3,076
Prepared/Preserved	190	11,825	430
2) Tuna	51,233	3,154,086	115,238
Frozen/Chilled	5,113	293,946	10,766
Prepared or preserved in airtight container	46,120	2,860,140	104,472
3) Seaweeds	28,541	590,342	21,550
Seaweeds & other Algae	26,828	581,677	21,232
Seaweeds & algae, used for food	2	273	10
Kelp Powder	1711	8,392	308
4) Octopus	6,111	432,858	15,892
Fresh/Chilled	63	3,968	146
Frozen, dried, salted in brine	6,048	428,890	15,746
5) Worked Capiz Shells and Articles (including art, obtained by molding	1,750	398,485	14,548

Commodity/Kind	Quantity (MT)	FOB Value (000 P)	FOB Value (000 \$)
6) Cuttlefish/Squid	2,311	330,590	12,117
Fresh/Chilled	151	22,115	806
Frozen, salted, dried in brine	2,131	305,389	11,198
Prepared or Preserved whether or not in airtight container	29	3,086	113
7) Fish Kept Alive for Transport	5,695	179,222	6,553
Ornamental fish	4,695	151,284	5,530
Live fish for food (lapu-lapu, eel & etc)	1,036	27,938	1,023
8) Cultured Pearls, worked	0.188	102,919	3,780
9) Sea Cucumber (Trepang)	1,951	97,570	3,560
10) Mackerel	1,450	79,736	2,941
Fresh/Chilled/Frozen	1,275	71,245	2,633
Dried	42	2,958	108
Smoked	13	858	31
Prepared or preserved in airtight containers	120	4,675	169
Total major commodities	129,505	12,824,564	469,144
Total of other commodities	15,434	1,224,351	44,803
GRAND TOTAL	144,939	14,048,915	513,947

MAJOR FISHERIES EXPORT

In Terms of Value, 1991

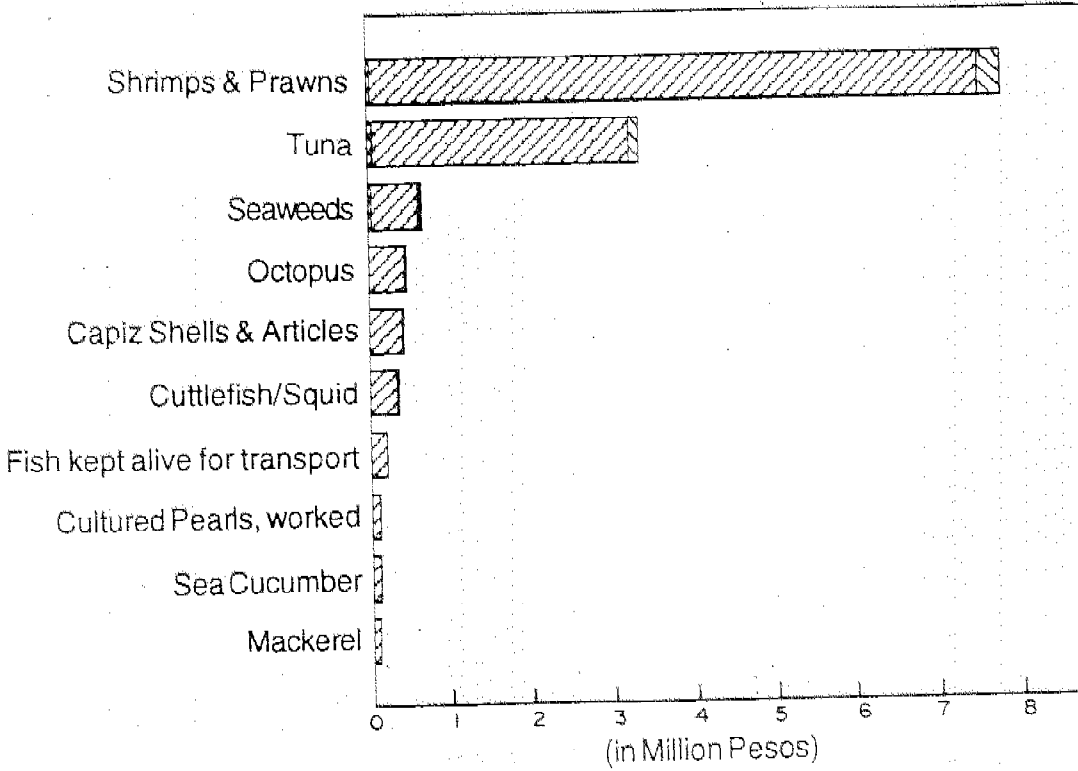


FIGURE 4

3. Major Fishery Exports, By country of Destination, 1991

Commodity/Country	Quantity (MT)	FOB Value (000 P)	FOB Value (000 \$)
1) Shrimp/Prawns	30,462	7,458,756	272,965
Japan	22,538	5,558,128	203,510
USA	5,664	1,429,983	52,257
France	292	69,295	2,530
Others	1,968	401,350	14,668
2) Tuna	51,233	3,154,086	115,238
Germany	14,334	854,982	31,160
USA	7,960	453,310	16,579
Japan	5,821	411,464	15,074
Others	23,118	1,434,330	52,425
3) Seaweeds	28,541	590,342	21,550
Denmark	6,881	95,657	3,464
United Kingdom	1,313	89,281	3,257
Japan	2,502	46,198	1,685
Others	17,845	359,206	13,144
4) Octopus	6,111	432,858	15,892
USA	3,627	254,865	9,358
Portugal	912	63,049	2,327
Puerto Rico	623	41,196	1,504
Others	949	73,748	2,703

Commodity/Country	Quantity (MT)	FOB Value (000 P)	FOB Value (000 \$)
5) Worked Capiz Shells & Articles (including art, obtained by molding)	1,750	398,485	14,548
Germany	573	137,973	5,032
USA	210	74,672	2,730
United Kingdom	242	36,995	1,350
Others	725	148,845	5,436
6) Cuttlefish/Squid	2,311	330,590	12,117
Japan	1,288	225,354	8,254
Hongkong	541	53,254	1,956
USA	309	37,888	1,389
Others	173	14,094	518
7) Fish Kept Alive for Transport	5,695	179,222	6,553
a. Ornamental Fish	4,659	151,284	5,530
USA	2,215	86,703	3,166
Japan	735	20,957	768
Taiwan	335	7,348	271
Others	1,374	36,276	1,325
b. Live Fish for Food	1,036	27,938	1,023
Hongkong	715	19,594	719
Taiwan	298	6,193	225
Okinawa	17	1,884	69
Others	6	267	10

Commodity/Country	Quantity (MT)	FOB Value (000 P)	FOB Value (000 \$)
8) Cultured Pearls, worked	.188	102,919	3,780
Hongkong	.076	65,500	2,409
Japan	.080	35,243	1,292
Switzerland	.005	644	23
Others	.027	1,532	56
9) Sea Cucumber (Trepang)	1,951	97,570	3,560
Hongkong	1,601	47,514	1,727
Korea	108	29,106	1,065
Singapore	117	17,785	652
Others	125	3,165	116
10) Mackerel	1,451	79,736	2,941
Japan	1,094	63,871	2,364
Romania	92	3,321	120
Singapore	96	2,771	100
Others	169	9,773	357
Total Major Commodities	129,505	12,824,564	469,144
Total of Other Commodities	15,434	1,224,351	44,803
GRAND TOTAL	144,939	14,048,915	513,947

B. IMPORTS**1. Imports of Fish and Fishery Products
By Kind, Quantity and Value, 1991**

Commodity	Quantity (MT)	FOB Value (000 P)	FOB Value (000 \$)
Fresh/Frozen/Chilled	146,877	1,618,610	59,006
Flour, Meals & Pellets of Fish Crustaceans and Mollusks Unfit for Human Consumption	41,536	529,259	21,579
Fish and other Aqua Invertebrate, Prepared and Preserved	4,090	83,964	3,071
Salted, Dried, Smoked, etc.	25	3,228	116
Other Commodities	1,107	88,328	919
GRAND TOTAL	193,635	2,323,389	84,691

VII. OTHER FISHERY INDUSTRY INFORMATION

2. Major Fishery Imports, By Country of Origin, 1991

Commodity/Country	Quantity (MT)	FOB Value (000 P)	FOB Value (000 \$)
1. Chilled/Frozen Fish	146,222	1,606,182	58,554
a) Tuna	42,249	919,907	33,455
Papua New Guinea	20,660	467,210	16,959
Taiwan	10,265	204,731	7,410
Others	11,324	247,966	9,089
b) Sardines	91,431	577,111	21,083
Japan	57,229	336,566	12,234
USSR	31,168	221,964	8,168
Others	3,034	18,581	681
c) Mackerel	12,542	109,164	4,016
Japan	7,007	64,803	2,379
Norway	2,500	18,171	675
Others	3,035	26,190	962
2. Flour, Meals & Pellets of Fish Crustacean & Mollusks Unfit for Human Consumption	41,536	529,259	21,579
Peru	21,050	224,629	8,219
Japan	5,324	149,458	5,412
Others	15,162	155,172	7,948
3. Other Commodities	5,877	187,948	4,558
TOTAL	193,635	2,323,389	84,691

A. PER CAPITA CONSUMPTION (AS PURCHASED FORM) OF FISH AND OTHER PRODUCTS, AS OF 1987 (KG/YEAR) 9 /

Food Group/Subgroup	Total (kg/Year)
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A. Fish	
1. Fresh Fish	40
Tulingan (Frigate Tuna)	4
Bangus (Milkfish)	2
Galunggong (Roundscad)	4
Dilis, Buo (Anchovy)	1
Alumahan (Indian Mackerel)	1
Tamban (Sardines)	1
Dalagang Bukid (Fusilier)	1
Sapsap (Slipmouth)	n
Bisugo (Threadfin Bream)	1
Tilapia (Cichlid)	1
Others	9
2. Dried Fish (as fresh fish)	4
3. Processed Fish	4
Bagoong (as fresh fish)	1
Patis	n
Canned Fish (sardines, mackerel, salmon, etc.)	1
Smoked fish (all tinapa type)	1
Others (as fresh fish)	n
4. Crustaceans and Mollusks	7
Shrimp (all type)	1
Others (fresh)	5
Dried and Processed (as fresh)	n
Bagoong (as fresh)	1

* Breakdown don't add up to total due to roundings less than .05 grams or .05 kilograms.

* n - negligible

B. PER CAPITA CONSUMPTION OF OTHER FOOD AS OF 1987

Total (Kg/Year)

1. Dairy	15.7
2. Poultry Meat	3.3
3. Eggs	3.7
4. Fresh Meat	9.9
Pork	7.3
Beef	1.8
Carabeef	0.4
Others	0.4
5. Organ Meat	1.5
Pig	0.7
Chicken and Other Poultry	0.4
Processed Organ Meat	0.4
6. Processed Meat	2.2
Popular processed meat (as fresh meat)	1.5
Other cooked/canned (as fresh meat)	0.7

FOOTNOTES:

- 1/ Sources of data: 1984 Philippine Forestry Statistics
- 2/ Source of data: Fisheries Statistics Section Bureau of Agricultural Statistics (BAS); this refers to productive fishponds only as of 1988.
- 3/ Source of data: National Accounts of the Philippines as of February, 1992 (Base Year 1985)
CY 1989-1991
National Statistical Coordination Board
Economics and Social Statistics Office
- 4/ Source of data: Fisheries Statistics Section, Bureau of Agricultural Statistics (BAS)
- 5/ Source of data: Census of Fisheries, CY 1980.
- 6/ Preliminary data, National Statistics Office (NSO).
- 7/ Source of data: Lakes and Reservoirs, State of the Art Series, report No. 1, PCARRD.
- 8/ Source of data: Regional Expanded Fish Production Program and Provincial Fisheries Data.
- 9/ Based on the Third National Nutrition Survey conducted by the Food and Nutrition Research Institute (FNRI) in 1987.