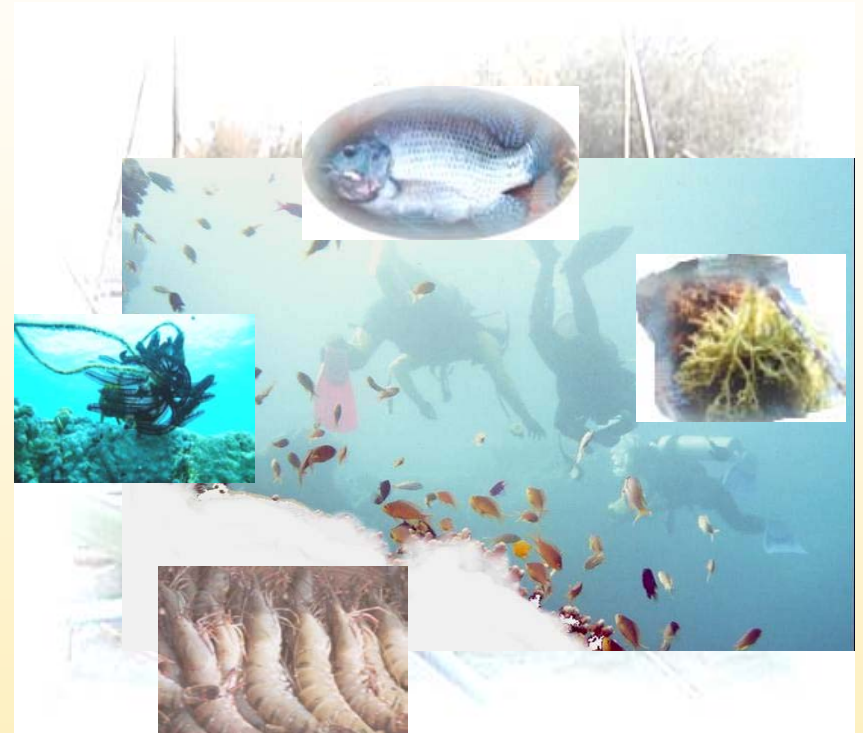




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PHILIPPINE FISHERIES PROFILE, 2005



Republic of the Philippines
Department of Agriculture
**BUREAU OF FISHERIES AND
AQUATIC RESOURCES**




FOREWORD

Every year, the Bureau of Fisheries and Aquatic Resources (BFAR) is producing a compilation of most relevant fisheries data, which is intended to provide ready-to-use and reliable information to all interested users including the decision/policy makers and researchers. The Philippine Fisheries Profile contains highlights of the previous year's performance of the fisheries industry; its contribution to the national economy; the employment it has generated; the total volume and value of production, both from capture and aquaculture; its share of the foreign trade earnings; as well as its share of the global production of fish, crustaceans, and aquatic plants.

The compilation of these information was made possible through the active collaboration with various government agencies and other institutions such as the Bureau of Agricultural Statistics (BAS), the National Statistics Office (NSO), the National Statistical Coordination Board (NSCB), Food and Nutrition Research Institute (FNRI), and the Food and Agriculture Organization (FAO).

As we distribute the 2005 version of the Philippine Fisheries Profile, we sincerely hope that we can reach out to as many clients and users as possible, and that we satisfy their needs for a concise yet dependable fisheries information and statistics.



MALCOLM I. SARMIENTO, JR.
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Sources of Data:

- ^{1/} NAMRIA, 1990
- ^{2/} 1992 Fishery Statistics, Bureau of Agricultural Statistics (BAS)
This refers to fishpond area acquired by the operator whether utilized or not during the reference period. This includes nursery and transition ponds and undeveloped areas.
- ^{3/} National Accounts of the Philippines, 2004
National Statistical Coordination Board (NSCB)
- ^{4/} Preliminary data, 2002 Census of Fisheries
- ^{5/} National Statistics Office (NSO)
- ^{6/} Bureau of Agricultural Statistics (BAS)
- ^{7/} Directory of Philippine Wetlands, Volume II, AWBPFI
- ^{8/} BFAR Regional Yearbook, 2000
- ^{9/} BFAR Regulatory and Quarantine Division
- ^{10/} Food and Nutrition Research Institute Website, (<http://www.fnri.dost.gov.ph>.)
- ^{11/} FAO Website (<http://www.fao.org>.)
- ^{12/} Agricultural Marketing Statistical Analysis Division (AMSAD, BAS)

**E. PRICES OF SELECTED FISH SPECIES,
PHILIPPINES, 2004- 2005** ^{12/}

Species	2005		2004	
	Wholesale	Retail	Wholesale	Retail
1. Indian mackerel (Alumahan)	67.05	83.66	66.33	80.73
2. Milkfish (Bangus)	69.82	87.36	68.75	85.12
3. Threadfin bream (Bisugo)	77.52	110.02	74.71	104.66
4. Caesio (Dalagang Bukid)	72.43	111.36	66.09	104.07
5. Anchovies (Dilis)	33.48	55.91	35.33	53.76
6. Roundscad (Galunggong)	43.87	66.99	48.07	66.19
7. Slipmouth (Sapsap)	39.43	91.77	41.63	83.77
8. Tiger prawn (Sugpo)	345.29	390.71	335.65	381.29
9. Tilapia	53.97	69.29	51.36	67.38
10. Frigate tuna (Tulingan)	55.63	67.81	54.08	66.42
11. Blue crab (Alimasag)	91.03	130.91	79.39	118.84

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World Scenario: Philippine Fisheries

- In 2003, the Philippines ranked 8th among the top fish producing countries in the world with its total production of 3.62 million metric tons of fish, crustaceans, mollusks, and aquatic plants (including seaweeds). The production constitutes 2.5% of the total world production of 146.27 million metric tons (*FAO website*).
- The Philippines' 0.459 million metric tons aquaculture production of fish, crustaceans and mollusks in 2003 ranked 11th in the world and 1.1% share to the total global aquaculture production of 42.3 million metric tons. In terms of value, the country's aquaculture production of fish, crustaceans and mollusks has amounted to over 600 million dollars (*FAO website*).
- Similarly, the Philippines is the world's 2nd largest producer of aquatic plants (including seaweeds) having produced a total of 0.989 million metric tons or nearly 8% of the total world production of 12 million metric tons (*FAO website*).

Contribution to National Economy, 2005

- The fishing industry's contribution to the country's Gross Domestic Products (GDP) were 2.1% and 4.3% at current and constant prices, respectively. This translates to some P116 billion for current prices and P51 billion for constant prices of the country's GDP of P5,418 billion (current prices) and P1,209 billion (constant prices).
- The industry also accounted for 15% (P116 billion) and 22.5 % (P51 billion) of the Gross Value Added (GVA) in Agriculture, Fishery and Forestry Group of P777 billion and P231 billion at current and constant prices, respectively, the largest share next to agricultural crops.

Employment in the Fishing Industry

- The industry employed a total of 1,614,368 fishing operators nationwide (NSO 2002 Census for Fisheries) of which the municipal fisheries sector accounted for more than one million (1,371,676) operators while the commercial and aquaculture sectors added some 16,497 and 226,195 operators, respectively.

Performance of the Fishing Industry

- Fisheries production grew remarkably by 39% from 2.99 million metric tons in CY 2000 to 4.163 million metric tons in CY 2005. Average annual production growth rate within that period was registered at 6%. In terms of value, the 2005 fisheries production was valued at 146.4 billion pesos as compared with the 95.5 billion pesos in 2000, an average yearly increment of 10.16 billion pesos.

D. WORLD AQUACULTURE PRODUCTION OF AQUATIC PLANTS BY PRINCIPAL PRODUCERS IN 2003

Major Countries	Volume (MT)	% Share	Value (US\$' 000)	% Share
1. China	9,744,060	78.07	4,752,769	75.08
2. Philippines	988,889	7.92	67,678	1.07
3. Japan	467,705	3.75	998,794	15.78
4. Korea Rep.	452,054	3.62	169,819	2.68
5. Korea D.P. Rep.	444,295	3.56	244,362	3.86
6. Indonesia	231,900	1.86	17,059	0.27
7. Chile	69,650	0.56	55,720	0.88
8. Viet Nam	30,000	0.24	15,000	0.24
9. Malaysia	18,871	0.15	1,986	0.03
10. Other Countries	34,276	0.27	2,200	0.03
World Total	12,481,700	100.00	6,330,318	100

C. WORLD AQUACULTURE PRODUCTION OF FISH, CRUSTACEANS, MOLLUSCS, etc. BY PRINCIPAL PRODUCERS IN 2003

Major Countries	Volume (MT)	% Share	Value (US\$' 000)	% Share
1. China	28,892,005	68.30	31,440,632	51.6
2. India	2,215,590	5.24	2,515,592	4.1
3. Indonesia	996,659	2.36	1,698,843	2.8
4. Viet Nam	937,502	2.22	1,968,331	3.2
5. Japan	859,656	2.03	3,430,168	5.6
6. Bangladesh	856,956	2.03	1,243,121	2.0
7. Thailand	772,970	1.83	1,910,050	3.1
8. Norway	582,016	1.38	1,338,755	2.2
9. Chile	563,435	1.33	2,137,842	3.5
10. USA	544,329	1.29	804,533	1.3
11. Philippines	459,615	1.09	600,836	1.0
12. Egypt	445,181	1.05	615,011	1.0
13. Other Countries	4,178,227	9.88	11,280,139	18.5
World Total	42,304,141	100.00	60,983,853	100

- The 2005 fisheries production also showed a remarkable 6% increase from the previous year's production of 4,162 million metric tons. The 2005 production was valued at 146,392 billion pesos, 5.40% higher than the 138,846 billion pesos production value of the preceding year.
- The outstanding performance of the fishing industry was attributed to the excellent growth in production of the three (3) sectors. The aquaculture sector posted the highest growth with 45.6% (1.895 million MT) followed by the commercial sector with 27.2% (1.133 million MT), and the municipal sector with 27.2% increase (1.132 million MT). The tremendous growth in aquaculture, however, underscores the importance of the sector in maintaining the supply of fish.
- Correspondingly, the Autonomous Region for Muslim Mindanao (ARMM) registered the highest production among all regions with its 16.2% or 674,954.74 metric tons share to the total fisheries production, where seaweed was the major commodity produced. Region IV-B (MIMAROPA) made a 14.2% share, while Region IX contributed 13.8% to the total fisheries production.
- In terms of value, the industry has attained a 5.40% increase from P138.8 billion in 2004 to P146.3 billion in 2005.

Fisheries Export and Import Performance

Exports

- Foreign trade performance of the fishery industry in 2005 registered a net surplus of 325 million dollars – total export value of 457 million US dollars and import value of 132 million US dollars.
- However, export volume (180,774 MT) has decreased by 7.8% in 2005 as compared to the 196,087 MT of fish and fishery products the country has exported in 2004. The three major export commodities (tuna, shrimp/prawn, seaweeds) combined for 58.5% (105.7 MT) of the total export volume (180.7 MT) and 58% (US \$263.9 million) of the total export value (US \$457.3 million) in 2005.
- Tuna remained as the top export commodity with a collective volume of 54,708 MT for fresh/chilled/frozen, smoked/dried, and canned tuna products valued at US \$98 million. Canned tuna, though, constitutes bulk of tuna products being exported. In general, however, tuna export fell by 30% in terms of volume and 36.8% in terms of value. Major markets for this commodity include Japan, USA, Canada and Germany.
- Shrimp/Prawn on the other hand remained 2nd with a total contribution of US\$ 93.5 million to the total export earnings. Most of the shrimps/prawns are exported in fresh/chilled/frozen form with a total value of US \$92 million or 98% of the total

shrimp/prawn export revenue. The 2005 shrimp/prawn exports, however, increased by 17% and a decrease of 17.4% from the previous year's export volume and value, respectively. Japan, Korea, and USA are among the major destination of shrimp/prawn products.

- Seaweeds export value decreased by 20% from US \$90 million in 2004 to US \$72.3 million in 2005 or 16% share to the total export earnings for that year. Carrageenan is the major product being shipped abroad comprising 59% of the total seaweed export value. USA, France, Denmark and Korea are among the major markets for Philippine seaweed products.
- Other major fishery exports e.g. crabs/crab fats, octopus, lapu-lapu, roundscad, cuttlefish/squid, ornamental fish and sea cucumber constitute 25% or US \$115 million of the total US \$ 457 million export revenues. Other commodities accounted for the remaining 17.2% of the total export value/earnings.
- USA, Japan, Hongkong, Korea, Taiwan (ROC), Germany, Canada, Singapore, Australia and Russian Federation (USSR), are among the major destination of Philippine fish and fishery product exports (in terms of value) with percentage share of 25, 17.9, 8.8, 5, 3.7, 3, 2.4, 2, 1.5 and 1.2, respectively. Other countries have a cumulative share of 29%.

Imports

- 78.2% of the total import value for 2005 was contributed by three major commodities in chilled/frozen fish (35.6%), prawn feeds (26.4%); as well as flour, meals and pellets of fish, crustaceans, and mollusks unfit for human consumption (16%). These commodities have an aggregated value of US \$103 million out of the US \$132 million total import value.
- Prawn feeds were mostly sourced from USA (30.3%), Netherlands (11.2%), Singapore (9%), Thailand (6.3%), Spain (6.3%), China (6%) Belgium (5.8%), France (5.7%), Taiwan (4%), Germany (2.8%) and other countries comprising 12.6% of the total prawn feeds import value of US \$35 million.
- Chilled/frozen fish comprise of tuna, mackerel and sardines. It has an import value of US \$ 47 million the largest among the three major import. Tuna has a share of 76%. These were mostly supplied by the Papua New Guinea (26.98% of the value); Taiwan (19.4% of the value); and Indonesia (15.8% of the value). Other fishery imports include mackerel (with a share of 18%) and sardines (6.1%) from the total value.
- In general, in terms of value, the Philippine fishery imports originated from the following major countries: USA (17%); Indonesia (9%); China (7.5%); Taiwan (6.8%); Peru (5.3%); Singapore (3.1%); Netherlands (3%); Chile (2.3%); and Thailand (2.2%). Other countries contributed 42% to the total import value of fish and fishery products.

11/ B. WORLD FISHERIES PRODUCTION OF FISH, CRUSTACEANS, MOLLUSCS AND AQUATIC PLANTS (includes seaweeds), BY CAPTURE AND AQUACULTURE, BY MAJOR PRODUCERS, 2003 (MT)

Major Countries	TOTAL		Fish, Crustaceans & Molluscs		Aquatic Plants (includes seaweeds)	
	MT	% share	Capture	Aquaculture	Capture	Aquaculture
1. China	57,350,528	39.21	18,049,310	29,248,440	296,468	9,756,310
2. Peru	6,111,342	4.18	6,089,660	13,818	7,864	7,864
3. Japan	6,035,000	4.13	4,596,172	859,656	111,467	467,705
4. Indonesia	5,959,929	4.07	4,675,100	996,659	56,270	231,900
5. India	5,904,584	4.04	3,688,994	2,215,590	-	-
6. USA	5,532,781	3.78	4,938,956	544,329	49,496	49,496
7. Chile	4,563,441	3.12	3,621,753	563,435	308,603	69,650
8. Philippines	3,618,348	2.47	2,169,164	459,615	680	988,889
9. Thailand	3,590,452	2.45	2,817,482	772,970	-	-
10. Russian Fed.	3,429,079	2.34	3,281,248	108,684	39,080	67
11. Norway	3,285,416	2.25	2,550,191	582,016	153,209	153,209
12. Viet Nam	2,634,388	1.80	1,666,866	937,502	-	-
13. Korea Rep.	2,492,545	1.70	1,647,546	387,791	5,154	452,054
14. Other Countries	35,766,253	24.45	30,427,284	4,613,636	240,208	485,125
World Total	146,274,086	100.00	90,219,746	42,304,141	1,268,499	12,481,700
						13,750,199

3. PER CAPITA FOOD CONSUMPTION OF FISH AND FISHERY PRODUCTS, 1993

Fish and Other Products		Total (Kg/Year)
1. FISH		38
1.1 Fresh Fish		25
	Tulingan (Frigate Tuna)	2
	Bangus (Milkfish)	4
	Galunggong (Roundscad)	3
	Dilis, Buo (Anchovy)	1
	Alumahan (Indian Mackerel)	1
	Tamban (Sardines)	1
	Dalagang Bukid (Fusilier)	n
	Sapsap (Slipmouth)	1
	Bisugo (Threadfin Bream)	n
	Tilapia (Cichlid)	3
	Albakora/Tambakol	1
	Balila/Espada	n
	Hasa-hasa	1
	Lapu-lapu	n
	Matangbaka	1
	Maya-Maya	n
	Salay-salay	n
	Silinyasi/Tunsoy	n
	Tanigue	n
	Others (fresh fish & cooked fish recipe)	5
1.2 Dried Fish (as fresh fish)		4
1.3 Processed Fish *		5
	Bagoong (as fresh fish)	1
	Patis	n
	Canned Fish (sardines, mackerel, salmon, etc)	3
	Smoked fish (all tinapa type)	1
1.4 Crustaceans and Mollusks		4
	Shrimps, all types	1
	Crabs	n
	Squid/Octopus	1
	Tahong	1
	Others	1
	Dried and Processed (as fresh)	n
	Bagoong alamang, etc. (as fresh)	n

Notes:

a) Raw as purchased weight or as available in the kitchen including inedible and edible wastage.

b) Breakdown don't add up to total due to roundings

c) N- negligible (less than 0.5 grams)

I. Fishery Resources

II. Fisheries Contribution To The Economy, 2005



Philippine Marine Jurisdictional Boundaries

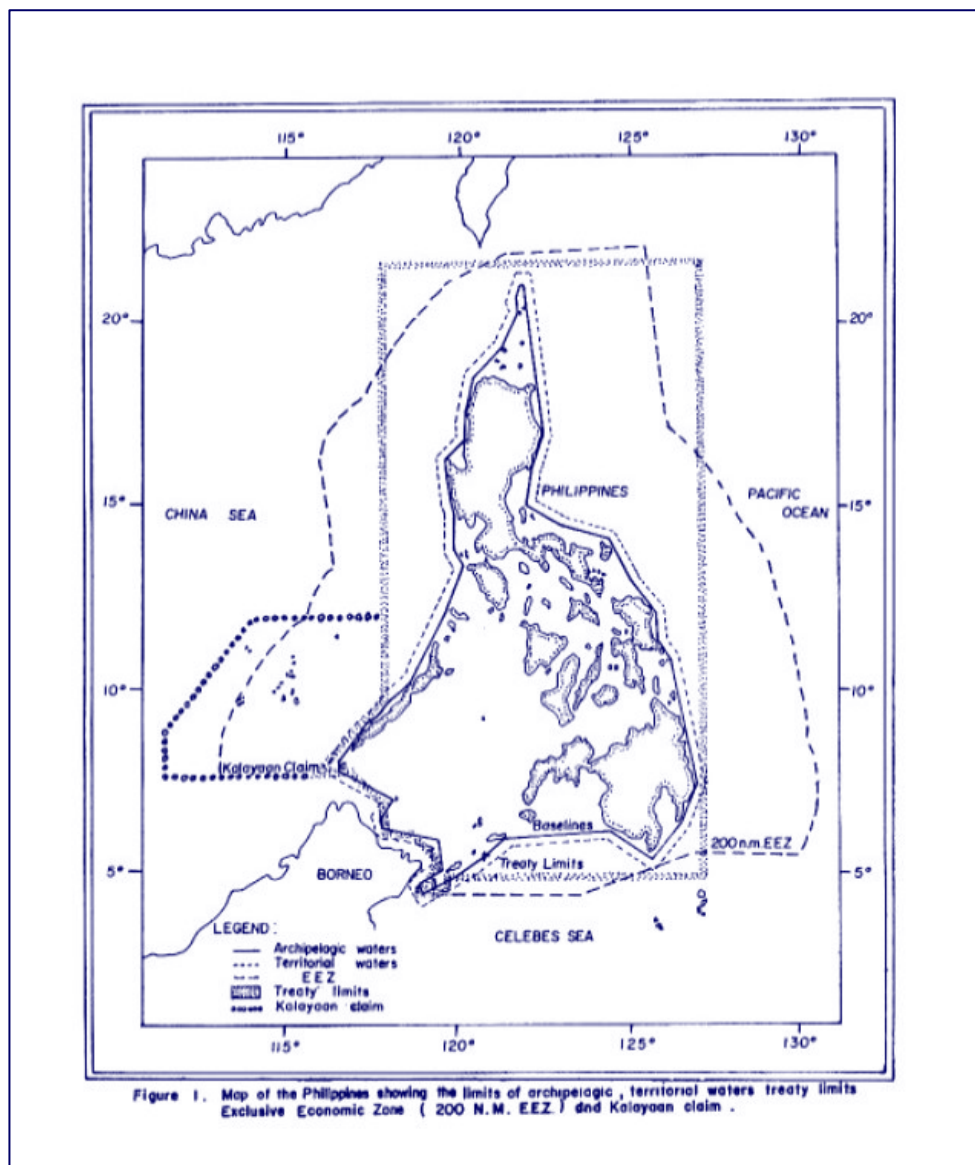


Figure 1

2. Comparison of Mean One-Day per Capita Food Consumption: 1987, 1993, 2003

Food Group/Subgroup	Consumption, g		
	(Raw, "as Purchased")		
	1987	1993	2003
All Foods	869	803	886
Cereals and Cereal Products	345	340	364
Rice and Products	303	282	303
Corn and Products	24	36	31
Other Cereals and Products	18	22	30
Starchy Roots and Tubers	22	17	19
Sugar and Syrups	24	19	24
Fats and Oils	14	12	18
Fish, Meat and Poultry	157	147	185
Fish and Products	111	99	104
Meat and Products	37	34	61
Poultry	9	14	20
Eggs	10	12	13
Milk and Milk Products	43	44	49
Dried Beans, Nuts and Seeds	10	10	10
Vegetables	111	106	111
Green Leafy and Yellow			
Vegetables	29	30	31
Other Vegetables	82	76	80
Fruits	107	77	54
Vitamin C-Rich Fruits	24	21	12
Other Fruits	83	56	42
Miscellaneous	26	19	39

A. FOOD CONSUMPTION ^{10/}

1. Mean One Day Per Capita Food Consumption, Philippines, 2003

Food Group/Subgroup	Consumption		% of Total Food Intake
	(Raw, As Purchased) *		
	kg/yr	g/day	
Cereals and Cereal Products	133	364	41.1
Rice and Products	111	303	34.2
Corn and Products	11	31	3.5
Other Cereals and Products	11	30	3.4
Starchy Roots and Tubers	7	19	2.2
Sugar and Syrups	9	24	2.7
Fats and Oils	7	18	2
Fish, Meat and Poultry	67	185	20.9
Fish and Products	38	104	11.7
Meat and Products	22	61	6.9
Poultry	7	20	2.3
Eggs	5	13	1.5
Milk and Milk Products	18	49	5.6
Whole Milk	13	35	4
Milk Products	5	14	1.6
Dried Beans, Nuts and Seeds	4	10	1.1
Vegetables	40	111	12.5
Green Leafy and Yellow Vegetables	11	31	3.5
Other Vegetables	29	80	9
Fruits	20	54	6.1
Vitamin C-Rich Fruits	4	12	1.4
Other Fruits	16	42	4.7
Miscellaneous	14	39	4.4
Beverages	9	26	2.9
Condiments	4	10	1.2
Others	1	3	0.3
Total Food	<u>324</u>	<u>886</u>	<u>100</u>

* As available in the kitchen including inedible and edible wastage.

I. FISHERY RESOURCES

A. Marine Resources

1. Total Territorial Water Area (including the EEZ) 2,200,000 sq. km.
 - a. Coastal 266,000 sq. km.
 - b. Oceanic 1,934,000 sq. km.
2. Shelf Area (Depth 200 m) 184,600 sq. km.
3. Coral Reef Area 27,000 sq km
(Within the 10-20 fathoms where reef fisheries occur)
4. Coastline (length) 17,460 km

B. Inland Resources

1. Swamplands 246,063 ha
 - a. Freshwater 106,328 ha
 - b. Brackishwater ^{1/} 139,735 ha
2. Existing Fishpond 253,854 ha
 - a. Freshwater 14,531 ha
 - b. Brackishwater ^{2/} 239,323 ha
3. Other Inland Resources 250,000 ha
 - a. Lakes 200,000 ha
 - b. Rivers 31,000 ha
 - c. Reservoirs 19,000 ha

VII. Other Fishery Information

II. FISHERIES CONTRIBUTION TO THE ECONOMY, 2005

A. Fisheries Contribution to Total GDP ^{3/}

1. At Current Prices	2.1%
2. At Constant Prices	4.3%

B. Fisheries Contribution to GVA in Agriculture, Fishery and Forestry by Industry Group ^{3/}

Industry Group	At Current Prices (P M)	% to Agricultural Sector	At Constant Prices (P M)	% to Agricultural Sector
1. Agricultural crops (Palay, corn, coconut ,etc)	449,327	57.8	114,790	49.7
2. Livestock	110,832	14.3	27,740	12.0
3. Poultry	61,298	7.9	25,136	10.9
4. Agricultural activities	36,718	4.7	10,531	4.6
5. Fishery	116,338	15.0	51,654	22.4
6. Forestry	2,551	0.3	910	0.4
Total	777,064	100.0	230,761	100.0



3. Fishery Imports, by Major Country of Origin in Terms of Value, 2005

Major Countries	Quantity (MT)	FOB Value	
		(000 P)	(000 \$)
USA	37,642	1,166,409	22,154
Indonesia	22,114	634,630	12,054
China, People's Rep. of	27,787	551,149	10,468
Taiwan, Rep. of China	14,824	499,570	9,488
Japan	16,002	396,426	7,529
Peru	14,179	383,867	7,291
Denmark	1,473	277,890	5,278
Singapore	3,072	228,756	4,345
Netherlands	7,439	217,736	4,136
Thailand	5,548	216,492	4,112
Total Major Countries	150,080	4,572,924	86,855
Other Countries	81,635	2,394,997	45,489
Grand Total	231,715	6,967,922	132,343

C. Employment ^{4/}

Preliminary Data on the Number of Fishing Operators by Sector, 2002 *

1. Aquaculture	226,195 operators
2. Municipal	1,371,676 operators
3. Commercial	16,497 operators
Total	1,614,368 operators

* Based on the preliminary results, 2002 Census of Fisheries

D. Balance of Trade ^{5/}

	2005			2004		
	Quantity (MT)	FOB Value (P M) (\$ M)		Quantity (MT)	FOB Value (P M) (\$ M)	
Fishery Exports	180,774	23,664	457	196,087	27,296	528
Fishery Imports	231,715	6,968	132	170,027	4,975	94.5
Trade Balance	(50,941)	16,696	325	26,061	22,321	433

E. Total Fish Production, by Sector, 2005

Sector	Quantity (MT)	%	Value ('000 P)	%
1. Aquaculture	1,895,847.3	45.6	49,169,787.87	33.6
2. Municipal Fisheries	1,132,046.3	27.2	49,950,423.49	34.1
3. Commercial Fisheries	1,133,976.2	27.2	47,272,737.46	32.3
Total	4,161,869.8	100.0	146,392,948.82	100.0

Commodity/Kind	Quantity (MT)	FOB Value	
		(000 P)	(000 \$)
2. Prawn feeds	45,937	1,840,456	34,956
U S A	12,727	558,051	10,599
Netherlands	6,868	205,495	3,903
Singapore	1,896	167,025	3,172
Thailand	1,912	115,964	2,203
Spain	3,719	115,329	2,191
Belgium	1,923	106,318	2,019
China, People's Rep	3,393	112,904	2,144
France	3,644	104,604	1,987
Taiwan	1,503	73,033	1,387
Germany	2,492	52,017	978
Others	5,861	229,717	4,375
3. Flour, meals & pellets of fish, crustaceans & molluscs unfit for human consumption	44,281	1,124,693	21,362
U S A	21,083	443,450	8,830
Peru	10,572	330,528	6,511
Chile	2,061	75,783	1,479
Thailand	2,082	56,173	1,087
Australia	1,967	51,613	980
Seychelles Rep.	1,101	33,191	630
Malaysia	598	15,242	290
Japan	501	12,707	241
Germany	514	8,202	190
Saudi Arabia	398	4,468	85
Others	3,404	93,337	1,041
Total major imports	193,651	5,448,844	103,490
Other Commodities	38,064	1,519,078	28,853
Grand Total	231,715	6,967,922	132,343

2. Major Fishery Imports in Terms of Value, 2005

Commodity/Kind	Quantity (MT)	FOB Value	
		(000 P)	(000 \$)
1. Chilled Frozen Fish	103,433	2,483,694	47,172
A. Tuna	60,670	1,883,742	35,778
Papua New Guinea	15,467	508,306	9,654
Taiwan	9,959	365,643	6,945
Indonesia	10,705	297,687	5,654
Micronesia	6,665	162,111	3,079
Japan	5,883	213,512	4,055
Marshall Islands, Rep of	4,875	154,002	2,925
Solomon Is.	4,972	120,702	2,293
Korea, Rep. of	296	7,143	136
Others	1,848	54,636	1,037
B. Mackerel	32,047	448,340	8,515
China, People's Rep. of	16,807	236,595	4,494
Japan	9,168	124,696	2,368
Taiwan, Rep of China	2,707	42,094	793
Korea	2,375	31,848	605
Others	990	13,107	255
			-
C. Sardines	10,716	151,612	2,879
Morocco	8,883	125,952	2,392
Mexico	724	10,106	192
Netherlands	454	6,364	121
UK of Great Britain & N. Ireland	395	5,358	102
Venezuela	171	2,654	50
New Zealand	62	893	17
Others	26	286	5

Total Fish Production, By Sector, 2005

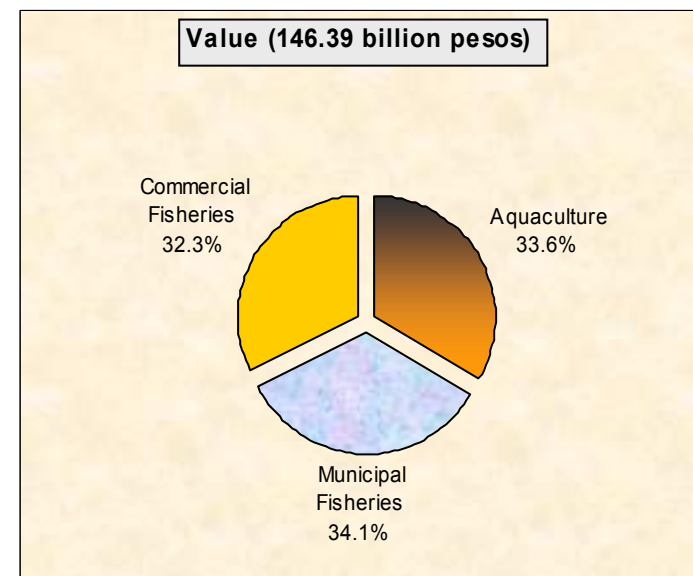
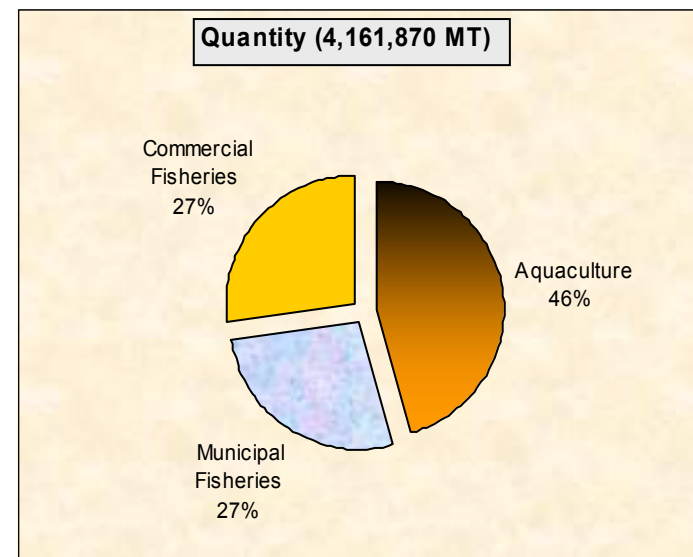


Figure 2

**F. Fish Production, by Sector and Region, 2005
in (MT)**

Region	Commercial	Municipal	Aquaculture	Total	% share to total
NCR	117,998.80	5,271.50	3,608.37	126,878.67	3.0
CAR	-	899.00	2,087.79	2,986.79	0.1
I	4,484.27	31,358.61	70,388.61	106,231.49	2.6
II	15,913.00	22,028.92	8,825.18	46,767.10	1.1
III	9,553.00	36,299.72	163,489.96	209,342.68	5.0
IV-A	80863.21	109,233.80	135,780.17	325,877.18	7.8
IV-B	49,202.98	178,323.91	363,974.37	591,501.26	14.2
V	52,817.75	105,729.98	54,238.10	212,785.83	5.1
VI	114,831.13	140,898.06	132,769.67	388,498.86	9.3
VII	63,481.45	52,103.03	116,687.12	232,271.60	5.6
VIII	57,244.19	71,594.25	25,204.95	154,043.39	3.7
IX	257,031.11	119,565.63	197,965.54	574,562.28	13.8
X	40,608.51	35,110.01	51,682.36	127,400.88	3.1
XI	10,608.91	32,573.94	11,911.99	55,094.84	1.3
XII	170,144.94	44,785.14	23,547.25	238,477.33	5.7
ARMM	83,143.77	78,707.26	513,103.71	674,954.74	16.2
CARAGA	6,049.19	67,563.55	20,582.18	94,194.92	2.3
Total	1,133,976.21	1,132,046.31	1,895,847.32	4,161,869.84	100.0

Note: For Aquaculture, Figures may not add up to the totals due to rounding off.

B. IMPORTS ^{5/}

**1. Import of Fish and Fishery Products
By Kind, Quantity and Value, 2005**

Commodity/Kind	Quantity (MT)	FOB Value (000 P) (000 \$)	
● Fish Crustaceans, Mollusks, etc. and Preparation	128,588	3,190,352	60,595
a. Fish fresh (live or dead) chilled or frozen	115,306	2,801,342	53,206
b. Fish, dried, salted or in brine, smoked fish	179	10,855	206
c. Crustaceans, mollusks and aquatic invertebrates	11,080	315,774	5,998
d. Fish and other aquatic invertebrate, prepared/ preserved	2,023	62,381	1,185
● Shells and By-Products	1,933	40,935	780
● Miscellaneous and Other Fishery Products	101,194	3,736,635	70,968
Grand Total	231,715	6,967,922	132,343

Major Fisheries Export in Terms of Value, 2005

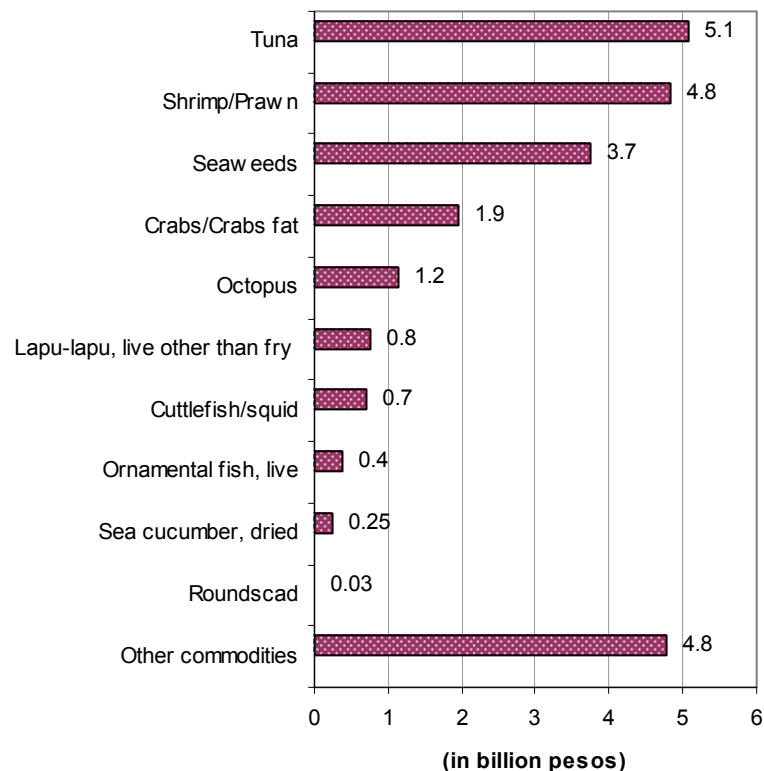


Figure 5

F.a. Value of Fish Production, by Sector and Region, 2005 (in '000 P)

Region	Commercial	Municipal	Aquaculture	Total	% share to total
NCR	7,645,001.26	350,943.12	175,734.00	8,171,678.38	5.6
CAR		68,079.24	154,356.00	222,435.24	0.2
I	328,075.04	2,299,147.60	4,591,325.00	7,218,547.64	4.9
II	963,511.01	1,335,754.56	623,829.63	2,923,095.20	2.0
III	555,481.04	2,528,852.76	14,457,186.00	17,541,519.80	12.0
IV-A	4,558,931.83	3,334,694.49	6,016,478.00	13,910,104.32	9.5
IV-B	1,496,623.14	5,404,335.44	2,097,202.00	8,998,160.58	6.1
V	1,863,300.38	5,052,790.33	1,281,475.00	8,197,565.71	5.6
VI	5,027,724.60	7,481,085.99	4,153,802.51	16,662,613.10	11.4
VII	2,621,032.75	2,789,482.21	1,212,797.00	6,623,311.96	4.5
VIII	2,723,619.34	4,286,100.29	729,188.00	7,738,907.63	5.3
IX	5,505,270.53	3,466,726.18	4,214,124.38	13,186,121.09	9.0
X	1,520,055.93	1,825,048.91	3,751,445.00	7,096,549.84	4.8
XI	689,696.49	1,661,149.13	669,353.44	3,020,199.06	2.1
XII	8,850,642.71	1,607,194.95	1,422,609.00	11,880,446.66	8.1
ARMM	2,663,622.62	3,419,827.60	2,814,237.00	8,897,687.22	6.1
CARAGA	260,148.79	3,039,210.69	804,645.91	4,104,005.39	2.8
Total	47,272,737.46	49,950,423.49	49,169,787.87	146,392,948.82	100.0

Note: For Aquaculture, Figures may not add up to the totals due to rounding off.

G. Fish Production, by Sector 1996-2005

1. Volume of Fish Production (in MT)

Year	Aquaculture	Municipal	Commercial	Total
2005	1,895,847.3	1,132,046.3	1,133,976.2	4,161,869.8
2004	1,717,026.7	1,080,764.3	1,128,382.4	3,926,173.4
2003	1,454,503.4	1,055,143.0	1,109,636.0	3,619,282.4
2002	1,338,393.0	988,938.0	1,042,193.0	3,369,524.0
2001	1,220,456.0	969,535.0	976,539.0	3,166,530.0
2000	1,100,902.1	945,945.0	946,485.0	2,993,332.1
1999	1,048,679.0	926,339.0	948,754.0	2,923,772.0
1998	997,841.0	891,146.0	940,533.0	2,829,520.0
1997	984,439.0	924,466.0	884,651.0	2,793,556.0
1996	1,007,676.0	909,248.0	879,073.0	2,795,997.0

2. Value of Fish Production (in '000 P)

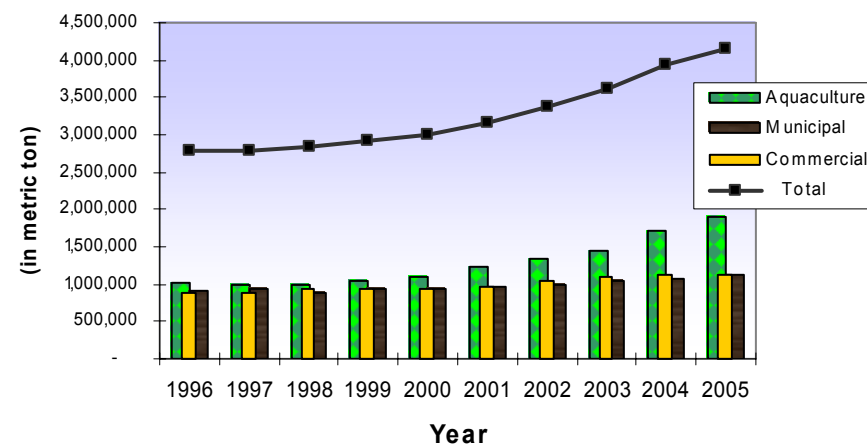
Year	Aquaculture	Municipal	Commercial	Total
2005	49,169,787.9	49,950,423.5	47,272,737.5	146,392,948.9
2004	44,822,257.0	45,674,851.6	48,349,268.7	138,846,377.3
2003	37,199,123.0	40,664,303.0	42,002,900.0	119,866,326.0
2002	35,418,183.0	38,158,871.0	39,681,164.0	113,258,218.0
2001	36,634,345.0	34,221,731.0	36,088,640.0	106,944,716.0
2000	32,183,390.0	32,595,564.0	33,878,677.0	98,657,631.0
1999	29,046,054.0	31,034,130.0	32,242,140.0	92,322,324.0
1998	26,429,525.0	28,966,456.0	29,737,074.0	85,133,055.0
1997	27,288,848.0	27,392,911.0	25,935,331.0	80,617,090.0
1996	33,346,671.0	25,373,175.0	24,555,340.0	83,275,186.0

4. Fishery Exports, by Major Country of Destination in Terms of Value, 2005

Country/Destination	Quantity (MT)	FOB Value	
		(000 P)	(000 \$)
U S A	37,506	5,944,432	114,392
Japan	23,816	4,236,716	82,062
Hongkong	17,262	2,091,170	40,418
Korea , Rep of (South)	5,348	1,204,206	23,275
Taiwan (Rep of China)	18,851	885,425	17,112
Germany	6,517	687,047	13,279
Canada	5,390	571,588	11,048
Singapore	3,524	506,258	9,785
Australia	1,007	363,329	7,022
Russian Federation	867	272,933	5,275
Total Major Countries	120,088	16,763,104	323,668
Other Countries	60,686	6,900,857	133,710
Grand Total	180,774	23,663,961	457,379

Commodity/Kind	Quantity (MT)	FOB Value	
		(000 P)	(000 \$)
3. Seaweeds	32,883	3,738,440	72,257
Seaweeds and other algae, nes	21,865	1,466,297	28,341
USA	4,955	345,912	6,686
France	5,040	205,989	3,981
Hongkong	3,266	144,740	2,798
China, Peoples Rep. of	3,168	114,443	2,212
Spain	673	39,842	770
Others	4,764	615,370	11,894
Carrageenan	9,553	2,234,652	43,191
Russian Federation	867	272,933	5,275
U S A	999	193,970	3,749
Canada	833	189,220	3,657
Australia	867	186,593	3,606
Belguim	848	141,730	2,739
Others	5,139	1,250,206	24,164
Seaweeds and algae used for food	160	19,285	373
Japan	86	13,089	253
Okinawa	33	4,202	81
U S A	11	1,288	25
Hongkong	28	417	8
Zaire	2	289	6
Kelp powder	1,305	18,205	352
Japan	1,290	18,058	349
China	15	147	3
Total (3) major commodities	105,693	13,655,675	263,939
Total other commodities	75,081	10,008,285	193,440
Grand Total	180,774	23,663,961	457,379

Volume of Fish Production , By Sector 1996-2005



Value of Fish Production, By Sector 1996-2005

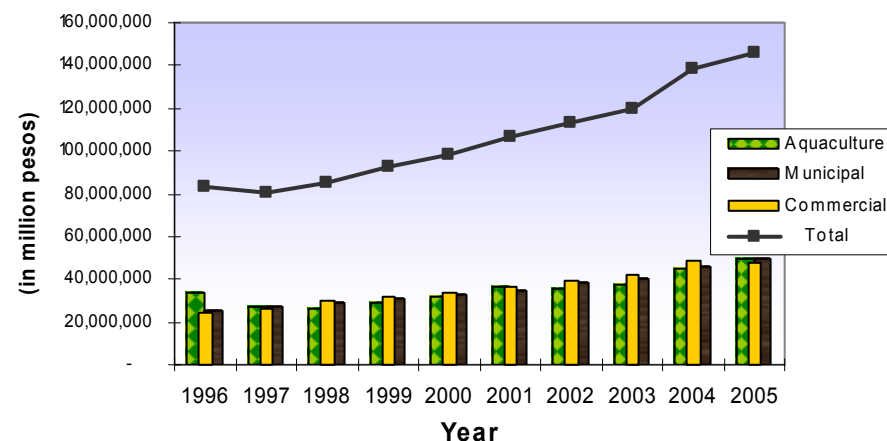


Figure 3

H. Five Year Fish Production, Trend 2001-2005

Year	Quantity (MT)	% Increase/ (Decrease)	Value ('000 P)	% Increase/ (Decrease)
2005	4,161,870	6.0	146,392,949	5.4
2004	3,926,173	8.5	138,846,377	15.8
2003	3,619,282	7.4	119,866,326	5.8
2002	3,369,524	6.4	113,258,218	5.9
2001	3,166,530	5.8	106,944,716	8.4

Five Year Fish Production, Trend 2001-2005

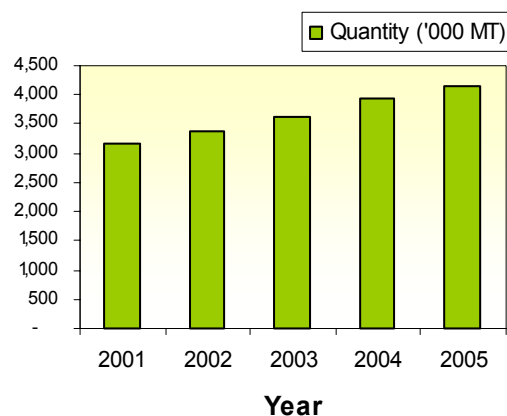


Figure 4

Commodity/Kind	Quantity (MT)	FOB Value	
		('000 P)	('000 \$)
2. Shrimp/Prawn	18,102	4,838,002	93,510
Fresh/chilled/frozen	17,830	4,739,068	91,597
Korea	3,683	907,130	17,533
Guam	438	141,927	2,743
Japan	9,447	2,496,499	48,253
U S A	2,691	725,960	14,031
Honkong	239	65,995	1,276
Others	1,332	401,557	7,761
Other than fresh/chilled or frozen	243	96,149	1,859
Japan	173	80,858	1,563
Taiwan	31	3,922	76
Singapore	12	1,901	37
Great Britain	19	8,610	166
Others	7	858	17
Prepared/Preserved	29	2,785	54
Thailand	26	2,339	45
U S A	1	313	6
Hongkong	1	101	2
Others	1	33	1

3. Major Destination of Top Three Fishery Exports by Kind, Quantity and Value, 2005

Commodity/Kind	Quantity (MT)	FOB Value	
		(000 P)	(000 \$)
1. Tuna	54,708	5,079,234	98,172
Fresh/chilled/frozen	16,683	1,687,496	32,616
Japan	7,282	610,344	11,797
U S A	1,855	426,034	8,234
Taiwan	1,280	131,187	2,536
Thailand	2,064	120,897	2,337
Indonesia	1,349	68,948	1,333
Others	2,854	330,086	6,380
Smoked/Dried	25	5,518	107
Australia	22	5,047	98
U S A	2	309	6
Korea	1	161	3
Canned	38,000	3,386,219	65,449
USA	8,451	692,520	13,385
Germany	5,856	557,981	10,785
Canada	3,958	340,649	6,584
South Africa	3	181,984	4,716
Taiwan	2,402	248,232	3,997
Others	17,330	1,364,853	25,982

III. Aquaculture Production, 2005

This includes production from the following:

- Brackishwater fishpond
- Freshwater fishpond
- Fishpen and fishcage in fresh and marine waters



2. Major Destination of Fishery Exports in Terms of Value, 2005

Commodity/Kind	Quantity (MT)	FOB Value	
		(000 P)	(000 \$)
1. Tuna	54,708	5,079,233	98,172
Fresh/chilled/frozen	16,683	1,687,496	32,616
Smoked/dried	25	5,518	107
Canned	38,000	3,386,219	65,449
2. Shrimp/Prawn	18,101	4,838,002	93,509
Fresh/chilled/frozen	17,830	4,739,068	91,597
Other than fresh/chilled/frozen	243	96,149	1,858
Prepared and preserved	28	2,785	54
3. Seaweeds	32,884	3,738,440	72,257
Seaweeds and other Algae, nes.	21,865	1,466,297	28,341
Seaweeds for human consumption	160	19,285	373
Carrageenan	9,553	2,234,652	43,192
Kelp Powder	1,305	18,205	352
4. Octopus	8,825	1,150,353	22,234
Fresh/chilled	160	18,650	360
Frozen/dried/salted	8,665	1,131,703	21,874
5. Crabs/Crabs fat	4,429	1,946,838	37,629
Frozen	140	23,997	464
Other than frozen	1,909	372,139	7,193
Prepared/preserved	2,380	1,550,702	29,972
6. Lapu-lapu, live other than fry	7,088	766,607	14,817
7. Cuttlefish/squid	4,194	714,247	13,453
Fresh/chilled	136	18,204	
Dried/salted	3,882	672,948	13,007
Prepared/preserved	176	23,095	446
8. Ornamental fish, live	6,698	368,912	7,130
9. Roundscad	401	33,315	14,657
Fresh/chilled/frozen	329	24,540	13,667
Dried/smoked/salted	72	8,775	990
10. Sea cucumber, dried	1,291	246,696	4,768
Total major commodities	138,618	18,882,642	378,626
Total of other commodities	42,156	4,781,318	78,752
Grand Total	180,774	23,663,961	457,379

A. SUMMARY OF AQUACULTURE PRODUCTION BY CULTURE ENVIRONMENT AND REGION, 2005 (In Metric Tons)

Region	Total Aquaculture	Brackishwater				Freshwater				Marine Waters			Oyster Mussel and Seaweed	
		Fishpond	Fishcage	Fishpen	Small-farm Reser-voir	Fishpond	Fishcage	Fishpen	Total	Fishcage	Fishpen	Total		
NOR	3,608	490	-	-	-	-	-	-	-	-	-	-	-	-
CAR	2,088	-	-	-	-	562	1,525	494	2,625	3,118	-	-	-	-
I	70,389	21,628	2,778	4,719	-	29,125	4,370	27	0.3	4,397	23,739	9,531	33,270	3,596
II	8,799	1,851	203	-	-	2,053	3,738	1,649	-	5,388	-	-	-	1,358
III	163,516	83,156	68	-	27	83,251	70,183	-	-	70,183	1,322	37	1,358	8,725
IV-A	135,780	16,428	-	-	-	16,428	1,294	47,883	38,687	87,864	107	585	692	30,797
IV-B	363,974	4,544	1	40	-	4,585	565	-	-	565	-	-	-	358,824
V	54,238	3,993	-	-	-	3,993	442	7,354	-	7,796	158	-	158	42,291
VI	132,770	67,776	-	10	-	67,786	396	-	-	7,966	25	1,428	1,453	63,135
VII	116,687	8,305	-	-	-	8,305	41	3	-	396	25	1,428	1,453	107,570
VIII	25,205	3,595	-	-	-	3,595	161	46	54	261	1,888	13	1,901	19,449
IX	197,966	20,787	-	-	-	20,787	107	-	-	107	7	25	32	177,039
X	51,682	16,172	-	-	-	16,172	797	-	-	797	33	-	33	34,681
XI	11,912	5,413	4	0	-	5,417	648	13	1	661	1,847	1,750	3,597	2,236
XII	23,547	7,802	-	-	-	7,802	927	1,607	11,929	14,463	1,046	-	1,046	237
CARAGA	20,582	3,224	1,792	17	-	5,033	117	92	-	209	94	69	164	15,177
ARMM	513,104	2,436	-	-	-	2,436	153	350	25	528	-	3	3	510,137
Total	1,895,847	267,597	4,846	4,787	27	277,256	84,500	61,044	53,321	198,864	31,033	13,443	44,476	1,375,252

Note: Figures may not add up to the totals due to rounding off.

A. EXPORTS ^{5/}

1. Export of Fish and Fishery Products by Kind, Quantity and Value, 2005

Commodity/Kind	Quantity (MT)	FOB Value	
		(000 P)	(000 \$)
A. Fish, Crustaceans, Molluscs, etc. and Preparation	139,358	17,997,974	347,866
A.1 Fish, fresh (live/dead), Chilled/Frozen	49,730	4,149,303	80,198
A.2 Fish, dried, salted/in brine; smoked fish	1,141	169,880	3,283
A.3 Crustaceans, molluscs and aquatic invertebrates	39,009	8,079,586	156,163
A.4 Fish and other aquatic invertebrate, prepared/ preserved	49,479	5,599,204	108,222
B. Shells and By-Products	7,854	1,906,478	36,849
C. Miscellaneous and other fishery products	33,562	3,759,509	72,664
Grand Total	180,774	23,663,961	457,379

B. AQUACULTURE PRODUCTION BY CULTURE ENVIRONMENT, REGION AND SPECIES, 2005

1. Production from Brackishwater (in MT)

a) Fishpond

Region	Total	Milkfish	Tiger Prawn	W. Shrimp & Endeavor Prawn	Tilapia	Others
NCR	489.90	415.70	2.50		71.70	
I	21,628.40	20,379.30	174.80	129.60	900.40	44.30
II	1,850.50	310.80	123.20	80.40	1,277.30	58.80
III	83,155.70	58,804.80	16,646.80	150.20	4,606.50	2,947.40
IV-A	16,427.60	14,930.30	1,173.40	237.50	9.60	76.80
IV-B	4,544.10	3,866.30	663.80	0.40	11.00	2.60
V	3,993.30	1,755.40	453.50	210.50	58.00	1,515.90
VI	67,775.50	66,249.00	716.20	123.50	412.20	274.60
VII	8,304.70	6,528.10	1,718.10	3.00	54.50	1.00
VIII	3,594.60	3,072.30	361.70		1.50	159.10
IX	20,787.20	11,141.00	7,103.40	909.10	1,485.00	148.70
X	16,171.60	7,984.40	6,158.50	90.30	292.40	1,646.00
XI	5,412.90	4,978.90	140.40	18.10	259.70	15.80
XII	7,801.50	6,891.60	546.20		357.70	6.00
CAR	-					
CARAGA	3,223.50	1,407.30	1,533.70	127.20	15.60	139.70
ARMM	2,435.70	1,936.80	203.80	108.70	173.60	12.80
Total	267,596.70	210,652.00	37,720.00	2,188.50	9,986.70	7,049.50

b) Fishcage

Region	Total	Milkfish	Tilapia	Others
NCR	-	-	-	-
I	2,777.65	2,717.40	26.30	33.95
II	202.70	64.60	133.90	4.20
III	68.40	44.20	24.20	
IV-A	-			
IV-B	1.24	1.20		0.04
V	-			
VI	-			
VII	-			
VIII	-			
IX	-			
X	-			
XI	4.10	4.10		
XII	-			
CAR	-			
CARAGA	1,791.80	1,791.40		0.40
ARMM	-			
Total	4,845.89	4,622.90	184.40	38.59

VI. External Trade



**C. NUMBER OF COMMERCIAL FISHING VESSEL
BY REGION, 1999 ^{9/} (Catcher and Accessory Boat)**

Region	Number	Gross Tonnage
NCR	1,351	158,509.59
I	113	1,832.99
II	64	717.94
III	40	1,080.67
IV	221	3,857.38
V	160	4,385.85
VI	404	25,674.39
VII	94	2,053.81
VIII	124	1,740.27
IX	392	22,758.66
X	43	1,215.10
XI	555	45,893.86
XII	7	85.09
XIII	26	293.86
ARMM	7	181.94
Total	3,601	270,281.40

c) Fish pen

Region	Total	Milkfish	Tilapia	Others
NCR	-	-	-	-
I	4,719.23	4,578.90	140.10	0.23
II	-	-	-	-
III	-	-	-	-
IV-A	-	-	-	-
IV-B	39.70	39.70	-	-
V	-	-	-	-
VI	10.40	10.40	-	-
VII	-	-	-	-
VIII	-	-	-	-
IX	-	-	-	-
X	-	-	-	-
XI	0.40	0.40	-	-
XII	-	-	-	-
CAR	-	-	-	-
CARAGA	17.30	1.70	0.30	15.30
ARMM	-	-	-	-
Total	4,787.03	4,631.10	140.40	15.53

2. Production from Freshwater (in MT)

a) Fishpond

Region	Total	Tilapia	Catfish	Mudfish	Carp	Milkfish	Others
NCR	-	-	-	-	-	-	-
I	4,369.79	4,267.45	19.21	48.80	9.62		24.71
II	3,738.41	3,594.67	96.72	31.12	11.78		4.12
III	70,182.97	67,715.90	1,407.03	955.98	54.03		50.03
IV-A	1,293.74	1,091.14	16.80		185.80		
IV-B	565.27	563.32		0.50			1.45
V	441.85	353.65	88.20				
VI	395.92	164.45	230.58	0.10			0.79
VII	40.57	40.51					0.06
VIII	160.80	159.42			1.38		
IX	107.00	81.00		26.00			
X	796.73	450.12	27.98	143.50	175.10		0.03
XI	647.57	483.46	143.05	13.87	7.17	0.02	
XII	926.99	677.52	214.63	33.88			0.96
CAR	562.32	553.01	4.63		4.68		
CARAGA	116.90	104.66	0.02	2.07	10.15		
ARMM	152.76	48.36	104.40				
Total	84,499.59	80,348.64	2,353.25	1,255.82	459.71	0.02	82.15

B. COMMERCIAL FISHERIES PRODUCTION, BY MAJOR FISH SPECIES, 2005

Major Species	Total (MT)	% to Total
1. Roundscad (Galunggong)	214,963.24	19.0
2. Indian Sardines (Tamban)	176,929.22	15.6
3. Frigate Tuna (Tulingan)	113,839.98	10.0
4. Skipjack (Gulyasan)	112,696.42	9.9
5. Yellowfin tuna (Tambakol/Bariles)	69,833.06	6.2
6. Eastern little tuna (Bonito)	51,167.30	4.5
7. Fimbriated Sardines (Tunsoy)	46,323.10	4.1
8. Indian Mackerel (Alumahan)	37,932.49	3.3
9. Slipmouth (Sapsap)	35,588.09	3.1
10. Big-eyed Scad (Matang-baka)	34,932.33	3.1
11. Other Species	239,770.98	21.1
Total	1,133,976.21	100

A. COMMERCIAL FISH PRODUCTION, BY REGION AND BY TYPE OF LANDING CENTERS, 2005

Region	Total	Private	PFDA	LGU	Traditional
NCR	117,998.80		115,238.12		2,760.68
I	4,484.27		471.29		4,012.98
II	15,913.00				15,913.00
III	9,553.00	5,396.54		32.81	4,123.65
IV-A	80,863.21		11,693.29	199.00	68,970.92
IV-B	49,202.98				49,202.98
V	52,817.75	9,644.00	17.80	15,622.42	27,533.53
VI	114,831.13	6,576.69	6,464.76	25,524.98	76,264.70
VII	63,481.45				63,481.45
VIII	57,244.19	596.83		356.32	56,291.04
IX	257,031.11	130,487.45	23,407.37	7,202.67	95,933.62
X	40,608.51			2,457.28	38,151.23
XI	10,608.91	327.39	4,754.99		5,526.53
XII	170,144.94	81,915.10	82,989.76		5,240.08
ARMM	83,143.77				83,143.77
CARAGA	6,049.19				6,049.19
Total	1,133,976.21	234,944.00	245,037.38	51,395.48	602,599.35

b) Fish cage

Region	Total	Tilapia	Carp	Milkfish	Others
NCR	493.54	421.12	72.42		
I	26.96	26.96			
II	1,649.37	1,648.87			0.50
III	-				
IV-A	47,883.14	46,108.37	1,101.77	673.00	
IV-B	-				
V	7,354.10	7,343.60	10.50		
VI	-				
VII	3.31	3.31			
VIII	45.66	45.66			
IX	-				
X	-				
XI	13.08	13.08			
XII	1,607.29	1,607.29			
CAR	1,525.47	1,525.47			
CARAGA	91.82	91.82			
ARMM	349.89	183.69		166.20	
Total	61,043.63	59,019.24	1,184.69	839.20	0.50

c) Fish pen

Region	Total	Tilapia	Milkfish	Carp	Others
NCR	2,624.93		2,624.93		
I	0.30	0.30			
II	-				
III	-				
IV-A	38,686.83	6,755.95	16,346.38	15,583.00	1.50
IV-B	-				
V	-				
VI	-				
VII	-				
VIII	54.23	54.23			
IX	-				
X	-				
XI	0.70	0.55			0.15
XII	11,928.60	6,462.00	5,466.60		
CAR	-				
CARAGA	-				
ARMM	25.07	25.07			
Total	53,320.66	13,298.10	24,437.91	15,583.00	1.65

d) Small-farm Reservoir

Region	Total	Tilapia	Mudfish	Others
II	26.50	25.90	0.30	0.30
Total	26.50	25.90	0.30	0.30

IV. Commercial Fisheries Production, 2005

Fishing with the use of fishing vessels more than 3 gross tons.



**C. NUMBER OF MUNICIPAL FISHING BANCAS,
BY REGION, 2000 ^{8/}**

Region	Total	Motorized	Non-Motorized
CAR	660	49	611
I	17,678	11,641	6,037
II	3,304	1,502	1,802
III	27,038	18,375	8,663
IV	69,927	26,569	43,358
V	54,715	19,453	35,262
VI	41,808	16,234	25,574
VII	56,142	19,100	37,042
VIII	58,068	16,255	41,813
IX	45,650	13,280	32,370
X	9,041	2,472	6,569
XI	24,099	11,382	12,717
XII	10,759	2,671	8,088
XIII	31,283	11,202	20,081
ARMM	19,635	7,442	12,193
Total	469,807	177,627	292,180
Percent			
%	100	38	62

3. Production from Marine Waters (in MT)

a) Fish cage

Region	Total	Milkfish	Grouper	Siganid	Others
NCR	-				
I	23,738.54	23,728.15	4.09	5.90	0.40
II	-				
III	1,321.68	1,318.28			3.40
IV-A	106.90	98.00			8.90
IV-B	-				
V	158.02	146.87	5.15	1.00	5.00
VI	24.62	1.65	20.43	0.07	2.47
VII	766.99	761.37	2.78		2.84
VIII	1,888.15	1,795.65	80.00		12.50
IX	7.23		4.77	2.46	
X	33.08	32.58		0.50	
XI	1,847.31	1,822.34	3.20	14.03	7.74
XII	1,046.20	889.00	6.77		150.43
CAR	-				
CARAGA	94.28	40.67	16.73	25.35	11.53
ARMM	-				
Total	31,033.00	30,634.56	143.92	49.31	205.21

b) Fish pen

Region	Total	Milkfish	Grouper	Siganid	Others
NCR	-				
I	9,531.42	9,528.00	3.42		
II	-				
III	36.51	36.51			
IV-A	585.40	585.40			
IV-B	-				
V	-				
VI	1,428.19	1,428.19			
VII	1.89		1.89		
VIII	12.60			12.60	
IX	24.73		24.14	0.20	0.39
X	-				
XI	1,749.79	1,749.74			0.05
XII	-				
CAR	-				
CARAGA	69.34	7.03	23.05	25.32	13.94
ARMM	2.80		0.90		1.90
Total	13,442.67	13,334.87	53.40	38.12	16.28

**B. MARINE MUNICIPAL FISH CATCH,
BY MAJOR FISH SPECIES, 2005**

Major Species	Total	% to Total
1. Indian Sardines (Tamban)	70,201.08	7.1
2. Roundscad (Galunggong)	65,812.53	6.7
3. Frigate Tuna (Tulingan)	60,119.56	6.1
4. Big-eyed Scad (Matang-baka)	56,600.86	5.7
5. Indian Mackerel (Alumahan)	46,333.21	4.7
6. Squid (Pusit)	45,311.29	4.6
7. Yellowfin tuna (Tambakol)	44,194.09	4.5
8. Anchovies (Dilis)	43,220.48	4.4
9. Fimbriated Sardines (Tunsoy)	37,845.15	3.8
10. Blue crab (Alimasag)	32,894.67	3.3
11. Others	485,706.95	49.1
Total	988,239.87	100.0

**A. MUNICIPAL FISHERIES PRODUCTION, BY REGION, 2005
(in MT)**

Region	Marine	Inland	Total
NCR	5,271.50		5,271.50
CAR		899.00	899.00
I	29,080.89	2,277.72	31,358.61
II	15,227.57	6,801.35	22,028.92
III	26,457.06	9,842.66	36,299.72
IV-A	37,222.96	72,010.84	109,233.80
IV-B	177,562.92	760.99	178,323.91
V	102,904.67	2,825.31	105,729.98
VI	135,158.01	5,740.05	140,898.06
VII	51,933.11	169.92	52,103.03
VIII	68,833.25	2,761.00	71,594.25
IX	118,981.69	583.94	119,565.63
X	33,117.44	1,992.57	35,110.01
XI	32,399.43	174.51	32,573.94
XII	28,974.60	15,810.54	44,785.14
ARMM	61,231.78	17,475.48	78,707.26
CARAGA	63,882.99	3,680.56	67,563.55
Total	988,239.87	143,806.44	1,132,046.31

4. Production from Mariculture (in MT)

Region	Total	Oyster	Mussels	Seaweeds
NCR				
CAR				
I	3,596.32	2,890.00	638.59	67.73
II	1,357.70	429.70		928.00
III	8,724.70	5,255.20	2,820.00	649.50
IV-A	30,796.56	553.06	6,390.00	23,853.50
IV-B	358,824.06		2.16	358,821.90
V	42,290.83	52.03	885.30	41,353.50
VI	63,135.04	6,276.15	6,500.04	50,358.85
VII	107,569.66	205.85		107,363.81
VIII	19,448.91	1.00	2,913.50	16,534.41
IX	177,039.38	404.34	3.35	176,631.69
X	34,680.95	1.00	6.50	34,673.45
XI	2,236.14	426.56		1,809.58
XII	236.67			236.67
ARMM	510,137.49			510,137.49
CARAGA	15,177.24			15,177.24
Total	1,375,251.65	16,494.89	20,159.44	1,338,597.32

C. AQUACULTURE PRODUCTION OF MAJOR COMMODITIES BY CULTURE ENVIRONMENT AND BY REGION, 2005
(In Metric Tons)

Region	Total	Brackishwater			Freshwater			Marine	
		Fishpond	Fishcage	Fishpen	Fishpond	Fishcage	Fishpen	Fishcage	Fishpen
NCR	3,041	416					23,728	9,528	
I	60,932	20,379	2,717	4,579					
II	375	311	65						
III	60,204	58,805	44				1,318	37	
IV-A	32,633	14,930			673	16,346	98	585	
IV-B	3,907	3,866	1	40					
V	1,902	1,755					147		
VI	67,689	66,249		10			2	1,428	
VII	7,289	6,528					761		
VIII	4,868	3,072					1,796		
IX	11,141	11,141							
X	8,017	7,984					33		
XI	8,556	4,979	4	0	0		1,822	1,750	
XII	13,247	6,892					889		
CAR	-								
CARAGA	3,248	1,407	1,791	2			41	7	
ARMM	2,103	1,937			166				
Total	289,153	210,652	4,623	4,631	0	839	30,635	13,335	

IV. Municipal Fisheries Production, 2005

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



E. TEN MAJOR LAKES OF THE PHILIPPINES ⁷¹

Name of Lakes	Location	Area (ha)
1. Laguna de Bay	Laguna and Rizal	90,000
2. Lake Lanao	Lanao del Sur	34,700
3. Taal Lake	Batangas	23,400
4. Lake Mainit	Surigao del Norte- Agusan del Norte	14,000
5. Naujan Lake	Oriental Mindoro	10,900
6. Lake Buluan	Maguindanao Sultan Kudarat	6,500
7. Lake Bato	Camarines Sur	3,800
8. Lake Buhi	Camarines Sur	1,800
9. Lake Dapao	Lanao del Sur	1,000
10. Lake Sebu	South Cotabato	964
Total		187,064

Tilapia

Region	Total	Brackishwater			Freshwater			
		Fishpond	Fishcage	Fishpen	Fishpond	Fishcage	Fishpen	Small-farm Reservoir
NCR	492.82	71.70			421.12			
I	5,361.51	900.40	26.30	140.10	4,267.45	26.96	0.30	
II	6,680.64	1,277.30	133.90		3,594.67	1,648.87		25.90
III	72,346.60	4,606.50	24.20		67,715.90			
IV-A	53,965.06	9.60			1,091.14	46,108.37	6,755.95	
IV-B	574.32	11.00			563.32			
V	7,755.25	58.00			353.65	7,343.60		
VI	576.65	412.20			164.45			
VII	98.32	54.50			40.51	3.31		
VIII	260.81	1.50			159.42	45.66	54.23	
IX	1,566.00	1,485.00			81.00			
X	742.52	292.40			450.12			
XI	756.79	259.70			483.46	13.08	0.55	
XII	9,104.51	357.70			677.52	1,607.29	6,462.00	
CAR	2,078.48				553.01	1,525.47		
CARAGA	212.38	15.60		0.30	104.66	91.82		
ARMM	430.72	173.60			48.36	183.69	25.07	
Total	163,003.38	9,986.70	184.40	140.40	80,348.64	59,019.24	13,298.10	25.90

Seaweeds

Region	Total
I	67.7
II	928.0
III	649.5
IV-A	23,853.5
IV-B	358,821.9
V	41,353.5
VI	50,358.9
VII	107,363.8
VIII	16,534.4
IX	176,631.7
X	34,673.4
XI	1,809.6
XII	236.7
ARMM	510,137.5
CARAGA	15,177.2
Total	1,338,597.3

D. MAJOR SPECIES PRODUCED IN AQUACULTURE FISHERIES, 2005

Species	Quantity (MT)	Percent (%)
Seaweeds	1,338,597.3	70.61
Milkfish	289,152.6	15.25
Tilapia	163,003.4	8.60
Shrimps/Prawns	39,908.5	2.11
Others	65,185.5	3.44
Total	1,895,847.3	100.00