

PHILIPPINE FISHERIES PROFILE, 2007



Department of Agriculture

BUREAU OF FISHERIES AND AQUATIC RESOURCES

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

FOREWORD

*T*he Philippine Fisheries Profile is produced by the Bureau of Fisheries and Aquatic Resources (BFAR) every year to address the sector's need for reliable and ready-to-use data on fisheries. This handbook is intended for all interested users including the decision and policy makers, students and researchers.

This profile contains the 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 contribution to the foreign trade earnings as well as its share of the world production of fish, crustaceans, and aquatic plants.

The compilation of these information was made possible through the collaboration with 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).

With the 2007 version of the Philippine Fisheries Profile, we sincerely hope to reach out to as many clientele as possible and that this would satisfy their requirement for a concise yet reliable fisheries information about the industry..



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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 Statistical Coordination Board (NSCB)
(www.nscb.gov.ph)
- ^{4/} Preliminary data, 2002 Census of Fisheries
- ^{5/} National Statistics Office (NSO) (www.census.gov.ph)
- ^{6/} Bureau of Agricultural Statistics (BAS) (www.bas.gov.ph)
- ^{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, 2006- 2007** ^{12/}
(pesos per kilogram)

Species	2007		2006	
	Wholesale	Retail	Wholesale	Retail
1. Indian mackerel (Alumahan)	72.07	93.52	72.14	89.49
2. Milkfish (Bangus)	75.45	96.46	73.50	89.59
3. Threadfin bream (Bisugo)	85.86	121.14	85.47	116.23
4. Blue crab (Alimasag)	109.17	143.68	106.24	136.03
5. Caesio (Dalagang Bukid, lapad)	81.62	122.78	76.74	116.12
5. Anchovies (Dilis)	43.77	66.85	41.43	60.52
6. Roundscad (Galunggong)	52.47	74.97	53.31	73.43
7. Slipmouth (Sapsap)	54.51	102.86	54.94	100.49
9. Endeavor prawn (Shrimp, Suaje)	238.94	259.23	229.25	246.40
10. Tilapia	56.32	74.11	54.57	70.46
11. Frigate tuna (Tulingan)	62.21	75.49	60.90	72.27
12. Shrimp, Tiger prawn (sugpo)	372.54	409.18	360.89	399.06

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World Scenario: *Philippine Fisheries*

- In 2006, the Philippines ranked 8th among the top fish producing countries in the world with its total production of 4.41 million metric tons of fish, crustaceans, mollusks, and aquatic plants (including seaweeds). The production constitutes 2.8% of the total world production of 159.9 million metric tons (*FAO website*).
- The Philippines' 0.623 million metric tons aquaculture production of fish, crustaceans and mollusks in 2006 ranked 10th in the world and a 1.2% share to the total global aquaculture production of 51.7 million metric tons. In terms of value, the country's aquaculture production of fish, crustaceans and mollusks has amounted to over 981.5 million dollars (*FAO website*).
- Similarly, the Philippines is the world's 2nd largest producer of aquatic plants (including seaweeds) having produced a total of 1.47 million metric tons or nearly 9.7% of the total world production of 15.1 million metric tons (*FAO website*).

Contribution to National Economy, 2007

- The fishing industry's contribution to the country's Gross Domestic Products (GDP) were 2.2% and 4.3% at current and constant prices, respectively. This translates to some P143.4 billion for current prices and P58.6 billion for constant prices of the country's GDP of P6,648 billion (current prices) and P1,369 billion (constant prices).
- The industry also accounted for 15% (P143.5 billion) and 23% (P58.6 billion) of the Gross Value Added (GVA) in Agriculture, Fishery and Forestry Group of P936 billion and P251 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.

D. WORLD AQUACULTURE PRODUCTION OF AQUATIC PLANTS BY PRINCIPAL PRODUCERS IN 2006 ^{11/}

Major Countries	Volume (MT)	%Share	Value (US\$' 000)	%Share
1. China	10,867,410	72.09	5,240,819	72.92
2. Philippines	1,468,905	9.74	173,963	2.42
3. Indonesia	910,636	6.04	127,489	1.77
4. Korea Rep.	765,595	5.08	269,657	3.75
5. Japan	490,062	3.25	1,051,361	14.63
6. Korea DPRp.	444,300	2.95	244,365	3.40
7. Chile	33,586	0.22	52,394	0.73
8. Malaysia	30,000	0.20	4,500	0.06
9. Vietnam	30,000	0.20	15,000	0.21
10. Other Countries	35,118	0.23	7,577	0.11
World Total	15,075,612	100	7,187,125	100

C. WORLD AQUACULTURE PRODUCTION OF FISH, CRUSTACEANS, MOLLUSCS, etc. BY PRINCIPAL PRODUCERS IN 2006^{11/}

Major Countries	Volume (MT)	% Share	Value (US\$' 000)	% Share
1. China	34,429,122	66.65	38,422,593	48.79
2. India	3,123,135	6.05	3,431,010	4.36
3. Vietnam	1,657,727	3.21	3,316,142	4.21
4. Thailand	1,385,801	2.68	2,220,012	2.82
5. Indonesia	1,292,899	2.50	2,254,855	2.86
6. Bangladesh	892,049	1.73	1,359,104	1.73
7. Chile	802,410	1.55	4,428,299	5.62
8. Japan	733,891	1.42	3,098,904	3.93
9. Norway	708,780	1.37	2,715,593	3.45
10. Philippines	623,369	1.21	981,504	1.25
11. Egypt	595,030	1.15	951,035	1.21
12. Myanmar	574,990	1.11	1,785,120	2.27
13. Other Countries	4,834,126	9.36	13,794,216	17.51
World Total	51,653,329	100.00	78,758,387	100.00

Performance of the Fishing Industry

- Total volume of fisheries production in the Philippines from January to December 2007 reached 4.71 million metric tons. Fisheries production grew remarkably by 40% from 3.37 million metric tons in CY 2002 to 4.71 million metric tons in CY 2007. Average annual production growth rate within that period was registered at 7%. In terms of value, the 2007 fisheries production was valued at 180.5 billion pesos as compared with the 113.3 billion pesos in 2002, an average yearly increment of 12.3 billion pesos.
- The 2007 fisheries production also showed a remarkable 7% increase from the previous year's production of 4.408 metric tons as compared to 4.711 million metric tons of the 2007 production. The 2007 production was valued at 180.5 billion pesos, 11% higher than the 163.4 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 47% (2.215 million MT) followed by the municipal sector with 28% (1.304 million MT), and the commercial sector with 25.3 % increase (1.192 million MT). The tremendous growth in aquaculture, however, underscores the importance of the sector in maintaining the supply of fish.
- At the regional level, the Autonomous Region for Muslim Mindanao (ARMM) registered the highest production among all regions with its 17% or 801,128.8 metric tons share to the total fisheries production, where seaweed was the major commodity produced followed by Region IV-B (MIMAROPA) with a 14% share or 666,001.7 metric tons. Region IX recorded output of 612,522.59 metric tons or 13% to the total fisheries production.
- In terms of value, the industry has attained a 10% increase from P163.4 billion in 2006 to P180.5 billion in 2007. The top three (3) regions were Region III with P22.53 billion, followed by Region VI with P19.57 billion and Region IX with P17.39 billion.
- The municipal fisheries sub-sector contributed the highest value of about P64.21 billion. Total fish caught by marine fishermen was valued at P58.42 billion while inland fisheries production was valued at P5.79 billion. Aquaculture sub-sector contributed P61.60 billion or 34.10% while the commercial sub-sector contributed P54.74 billion or 30.3% to the total fishery output.

Commercial Fisheries Production

- Region IX posted the highest production at 271,397.64 MT or about 22.8% of the total commercial fish unloadings in the country. Zamboanga City contributed 206,934.54 MT or about 76.2 % of the total unloading in the region. Second biggest portion is contributed by Region XII with 214,566.71 MT or 18% of the total unloadings while Region VI contributed 113,012.93 MT or 9.5% of the total commercial fish unloadings in the country.
- Highest record of unloadings at commercial landing centers was noted during the April to June period which was estimated at 343,606.38 MT. The lowest volume of unloading was observed during the months of October to December at 273,070.46 MT.
- For the months of January to March, Region IX recorded the highest volume of unloadings in commercial fishing with 58,538.73 MT . It remained as the top producer during the second and third quarters at 79,466.71 MT and 83,862.79 MT respectively. However, during the months of October to December, the volume of unloadings was heaviest was in Region XII at 65,975.01 MT compared to the 50,529.41 MT of unloadings in Region IX.
- Commercial fishers earned P54.74 billion in 2007. Region XII recorded the highest value of production at P12.42 billion. Its biggest contributor was South Cotabato with P12.04 billion.
- The highest value of commercial fish production reached P15.56 billion during the second quarter. In the same period, Region XII contributed the biggest share in value of unloading at P3.88 billion. About P3.76 billion or 9.9 % of the value of production came from South Cotabato region.
- Region XII was the top earner in commercial fishing during the first, second and fourth quarters of 2007. But Region IX was the highest earner during the third quarter with about P2.75 billion as compared to the P2.53 billion earnings in Region XII.

B. WORLD FISHERIES PRODUCTION OF FISH, CRUSTACEANS, MOLLUSCS AND AQUATIC PLANTS ^{11/} (includes seaweeds), BY CAPTURE AND AQUACULTURE, BY MAJOR PRODUCERS, 2006 ('000 MT)

Major Countries	TOTAL		Fish, Crustaceans & Molluscs		Aquatic Plants (includes seaweeds)		
	MT	%share	Capture	Aquaculture	Capture	Aquaculture	Total
1. China	62,712,488	39.23	17,092,146	34,429,122	323,810	10,867,410	11,191,220
2. Peru	7,049,318	4.41	7,017,491	28,393	3,434	-	3,434
3. Indonesia	6,972,445	4.36	4,759,080	1,292,899	9,830	910,636	920,466
4. India	6,983,270	4.37	3,855,467	3,123,135	-	4,668	4,668
5. Chile	5,310,205	3.32	4,168,461	802,410	305,748	33,586	339,334
6. Japan	5,524,598	3.46	4,186,980	733,891	113,665	490,062	603,727
7. USA	5,331,171	3.33	4,859,872	465,061	6,238	-	6,238
8. Philippines	4,411,572	2.76	2,318,984	623,369	314	1,468,905	1,469,219
9. Thailand	4,162,096	2.60	2,776,295	1,385,801	-	-	-
10. Viet Nam	3,647,627	2.28	1,959,900	1,657,727	-	30,000	30,000
11. Russian Fed	3,456,023	2.16	3,284,126	105,525	65,554	818	66,372
12. Norway	3,109,722	1.95	2,255,513	708,780	145,429	-	145,429
13. Korea Rep.	3,042,846	1.90	1,749,929	513,568	13,754	765,595	779,349
14. Other Countries	38,153,154	23.87	31,710,077	5,783,648	155,497	503,932	659,429
World Total	159,866,535	100.00	91,994,321	51,653,329	1,143,273	15,075,612	16,218,885

A. 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
Shrimp (all type)	1
Crabs	n
Squid/Octopus	1
Tahong	1
Others (fresh)	1
Dried and Processed (as fresh)	n
Bagoong (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)

Municipal Fisheries Production

- Marine municipal fisheries reached 1.14 million MT of the total volume of unloadings during the year.
- The biggest volume of fish landed was reported in MIMAROPA with 243,828.40 MT, followed by Western Visayas with 143,073.27 MT, Zamboanga Peninsula with 118,851.50 MT and Bicol region with 124,088.80 MT. By Province, Palawan of MIMAROPA recorded the highest volume of fish landed at 220,994.34 MT or 19% of the total marine catch. Huge volumes of fish were, likewise, landed in Iloilo, Zamboanga del Norte, Surigao Norte, Samar, Negros Occidental, Masbate and Cebu.
- January to June seemed to be the best season for municipal fisherfolk to engage in fishing operations. The first three (3) months of the year recorded 283,248.19 MT of fish landed while the peak summer months of April to May reached 340,261.40 MT. The second quarter had a percentage share of 30 percent to total marine unloadings for the year compared to the other quarters with 22 to 25% share each.
- The biggest volumes of fish catch due to the effects of rainy season that increased water levels in rivers, lakes and other inland bodies of water with 27 and 26 % shares, respectively was recorded on the third and fourth quarters of the year.
- Region IV-B posted the highest value of municipal fisheries production at P9.53 billion which was mostly contributed by Palawan with P8.25 billion.
- Of the marine municipal species valued at P58.42 billion, the highest at 16.36 billion was realized during the second quarter while the lowest at P13.26 billion was earned during the last quarter. Region IV-B was the top earner for the first three quarters but Region VI generated the highest earnings of about P1.81 billion during the last quarter of 2007.
- For inland fishing, total value was estimated at P5.79 billion. The highest earnings at P1.62 billion were realized during the last quarter of the year. Region IV-A was the top grosser during the first quarter with P247.43 million. ARMM recorded the top earnings during the second quarter of 2007 with P231.48 million. For the last two quarters, ARMM surpassed the first quarter earnings in Region IV-A with P303.25 million and P406.11 million, respectively.

Aquaculture Fisheries Production

- For aquaculture, ARMM posted the highest volume of production at 624,039.45 MT or 28.2 % of the total aquaculture production. Tawi-tawi contributed 361,912.49 MT or 58 % of the total production in the region. In Region IV-B production was 370,520.48 MT or 16.7% of aquaculture. On the other hand, Region IX contributed a 221,544.87 MT or 10% of the total aquaculture production.
- The months of October to December produced the highest volume of production in aquaculture at 708,062.14 MT while the lowest production was observed during the months of July to September at 436,094.26 MT.
- ARMM was the biggest producer in aquaculture for the first three quarters of the year. But, on the fourth quarter, Region IV-B was the top with 226,544.92 MT compared to the 162,992.05 MT of production in ARMM. Volume of aquaculture production in Palawan of Region IV-B reached 224,559.25 metric tons which is higher compared to the 162,992.05 total volume of production in ARMM during the fourth quarter.
- Of the total aquaculture sector earnings of about P61.60 billion, the last quarter of 2007 recorded the highest level of earnings of P17.42 billion while the lowest was indicated during the third quarter at about P14.14 billion.
- Region III posted the highest value in aquaculture production at P19.32 billion. Pampanga accounted P14.41 billion. Consistently, Region III recorded the highest value of production by quarter at P5.61 billion for the first quarter, P5.49 billion and P5.36 billion during the second and fourth quarters, respectively. Tiger prawn, milkfish and tilapia were among the aquaculture species that provided a big contribution to the total value of production.

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.

Fisheries Export and Import Performance

Exports

- Foreign trade performance of the fishery industry in 2007 registered a net surplus of 416 million dollars – total export value of 570 million US dollars and import value of 154 million US dollars.
- However, export volume, 173,076 MT decreased by (8.8%) in 2007 as compared to the 189,851 MT of fish and fishery products the country has exported in 2006. The three major export commodities (tuna, seaweeds, shrimp/prawn,) combined for 64.8% (112,112 MT) of the total export volume (173,076 MT) and 70% (US\$396.8 million) of the total export value (US\$ 569.8 million) in 2007.
- Tuna remained as the top export commodity with a collective volume of 75,148 MT for fresh/chilled/frozen, smoked/dried, and canned tuna products valued at US \$218.6 million. Canned tuna, though, constitutes bulk of tuna products being exported. In general, however, tuna export went up by 4.9% in terms of volume and 52.5% in terms of value. Major markets for this commodity include USA, Germany and Thailand.
- Seaweeds came 2nd on export value with an increase of 28% from US\$71.6 million in 2006 to US\$ 91.85 million in 2007 or 16% share to the total export earnings for that year. Carrageenan remains the major product being shipped abroad comprising 76% of the total seaweed export value. USA, France and China are among the major markets for Philippine seaweed products.
- Shrimp/Prawn ranked 3rd with a total contribution of US\$86.5 million to the total export value, lower than last years export earnings of \$100.4. Most of the shrimps/prawns are exported in fresh/chilled/frozen form with a total value of US\$ 84.5 million or 98% of the total shrimp/prawn export revenue. The 2007 shrimp/prawn exports, however, decreased by 45% in volume (MT) and 14% in value (USD) from the previous year's export. Japan, Korea, and USA are among the major destination of shrimp/prawn products.
- Other major fishery exports e.g. crabs/crab fats, octopus, sardines, lapu-lapu, cuttlefish/squid , lobsters and milkfish constitute 91% or US\$ 521 million of the total US\$ 569.8 million export revenues. Other commodities accounted for the remaining 9% of the total export value/earnings.

- Among the major destination of Philippine fish and fishery product exports (in terms of value) with percentage share are USA, 27%; Japan, 12%; Hongkong, 7%; Germany, 7.2%; Korea, Rep of (South), 4.8%; Thailand, 3.2%; France, 3%; Singapore, 2.7%; Spain, 2.7% and Taiwan (ROC), 2.4%. Other countries have a cumulative share of 13.8%.

Imports

- 66% of the total import value for 2007 was contributed by three major commodities in chilled/frozen fish, 52%; prawn feeds, 2%; as well as flour, meals and pellets of fish, crustaceans, and mollusks fit and unfit for human consumption, 12 %. These commodities have an aggregated value of US\$ 99.2 million out of the US\$ 149.5 million total import value.
- Prawn feeds were mostly sourced from Thailand, 86%; Taiwan (ROC), 11%; China, 1.94%; Netherlands, 0.26%; Belgium, 0.25%; Japan, 0.08%; USA, 0.06%; and Hongkong, 0.01% with a total of \$ 3.44 million on import value.
- Chilled/frozen fish comprise of tuna, mackerel and milkfish with a total of US\$ 78.4 million . Tuna has an import value of US \$ 49.36 million, the largest among the three major import with a share of 63%. These were mostly supplied by Papua New Guinea, 27 %; Taiwan (ROC), 23%; Japan, 8.3%; and Korea, Rep of (South), 2%. Other fishery imports include mackerel, 35% and milkfish, 2%.
- In terms of value, in general, the Philippine fishery imports originated from the following major countries: China, 16%; Papua New Guinea, 14%; Taiwan (ROC), 13%; Japan, 11% ;Indonesia, 8%; Korea, Rep of (South), 5%; USA, 5%; Peru, 5%; Thailand, 4%; and Denmark, 2%. Other countries contributed 15% to the total import value of fish and fishery products.



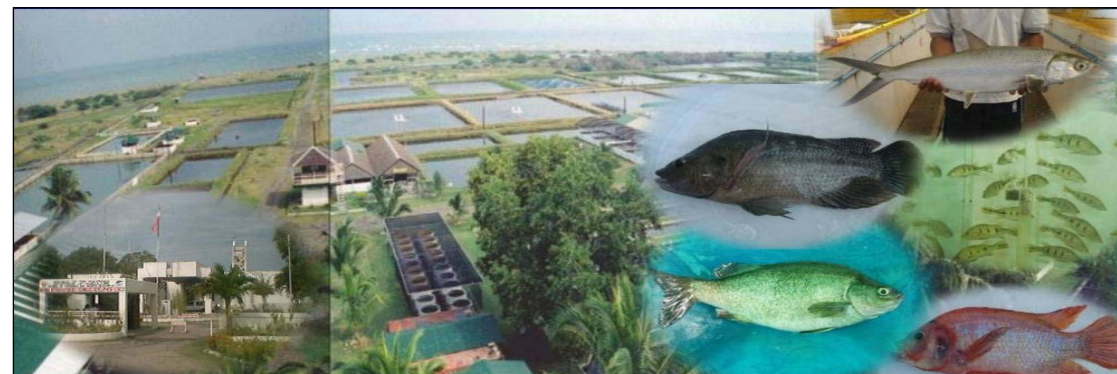
Other Fishery Information

3. Fishery Imports, by Major Country of Origin in Terms of Value, 2007

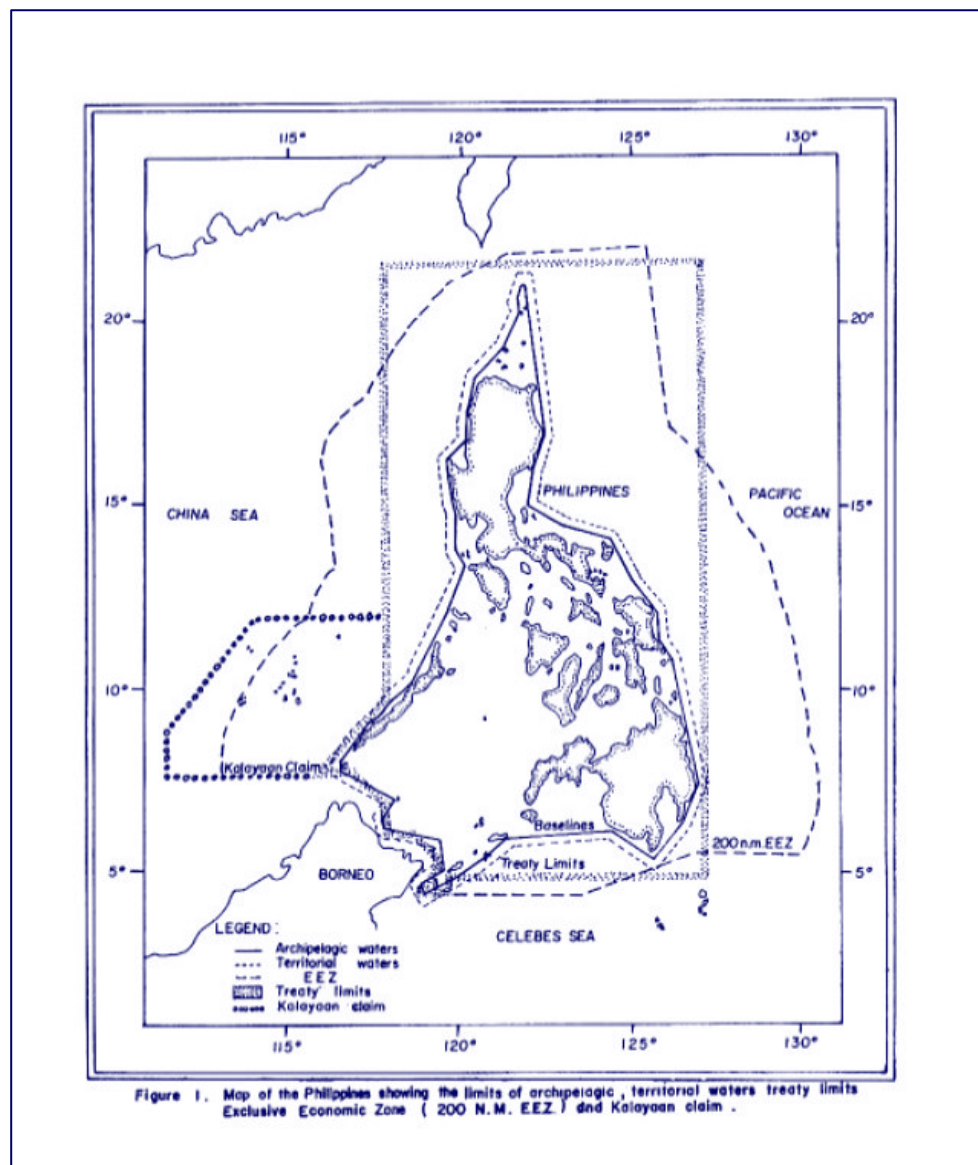
Major Countries	Quantity Kg	CIF Value	
		USD	(Pesos)
China, People'SRep. Of	54,473,096	24,059,179	1,124,526,026
Papua New Guinea	17,747,909	20,967,038	979,999,356
Taiwan (Rep. Of China)	20,558,278	20,039,596	936,650,717
Japan (Excludes Okinawa)	25,160,896	16,743,084	782,571,746
Indonesia (Includes West Irian)	12,425,138	11,374,372	531,638,147
Korea, Rep. Of (South)	17,239,681	8,019,431	374,828,205
United States Of America	9,499,310	7,768,495	363,099,456
Peru	9,093,385	7,547,401	352,765,523
Thailand	8,962,976	6,722,412	314,205,537
Denmark	502,647	3,345,949	156,389,656
Chile	4,192,207	3,096,986	144,753,126
Vietnam	2,857,092	2,250,937	105,208,795
Norway	802,279	1,836,790	85,851,565
Brazil	958,737	1,799,577	84,112,229
Hongkong	2,949,163	1,545,741	72,247,934
Argentina	1,202,916	1,364,407	63,772,383
Singapore	852,477	1,355,617	63,361,539
Switzerland	43,304	942,977	44,074,745
Australia	1,232,963	674,893	31,544,499
France	153,034	626,855	29,299,203
Total Major Countries	190,907,488	142,081,737	6,640,900,387
Other Countries	9,228,935	7,399,718	345,862,821
Total	200,136,423	149,481,455	6,986,763,208



Fishery Resources Fisheries Contribution To The Economy, 2007



Philippine Marine Jurisdictional Boundaries



Commodity/Kind	Quantity (kg)	CIF Value	
		USD	(Pesos)
2. Prawn feeds	4,691,485	3,437,591	160,673,003
Thailand	3,544,725	2,966,984	138,676,832
Taiwan (Rep. Of China)	918,447	380,992	17,807,566
China, People'S Rep. Of	186,507	66,710	3,118,025
Netherlands	10,770	9,047	422,857
Belgium	20,625	8,680	405,703
Japan (Excludes Okinawa)	8,882	2,848	133,116
United States Of America	1,409	2,139	99,977
Hongkong	120	191	8,927
3. Flour, meals & pellets of fish, crustaceans & molluscs fit or unfit for human consumption	23,781,931	17,315,631	809,332,593
Peru	5,836,201	5,632,305	263,253,936
United States Of America	3,612,318	2,612,088	122,088,993
Thailand	3,258,683	2,492,115	116,481,455
Argentina	1,020,760	963,780	45,047,077
Hongkong	2,504,448	693,492	32,413,816
Seychelles Republic	840,000	652,993	30,520,893
South Africa, Rep. Of /	709,918	550,562	25,733,268
Chile	377,310	475,227	22,212,110
Indonesia (Includes (West Irian)	1,139,110	417,578	19,517,596
Australia	832,547	402,485	18,812,149
Brazil	546,000	395,068	18,465,478
China, People'S Rep. Of	548,050	394,643	18,445,614
Denmark	264,490	393,765	18,404,576
Malaysia (Federation Of Malaya)	609,425	235,234	10,994,837
Korea, Rep. Of (South)	369,407	200,698	9,380,625
Canada	275,000	167,346	7,821,752
Italy	429,031	139,730	6,530,980
France	52,000	131,882	6,164,165
Sweden	100,000	79,943	3,736,536
Austria	200,000	63,017	2,945,415
Norway	3,300	58,009	2,711,341
Taiwan (Rep. Of China)	74,864	36,368	1,699,840
Netherlands	52,000	34,744	1,623,935
New Zealand (Excludes Western Sarr	40,000	34,423	1,608,931
Singapore	22,173	20,529	959,525
Japan (Excludes Okinawa)	19,184	13,540	632,860
Vietnam	7,332	13,126	613,509
Germany	19,310	5,822	272,120
Belgium	19,070	5,119	239,262
Total major imports	139,952,249	99,165,401	4,634,990,843
Other Commodities	60,184,174	50,316,054	2,351,772,365
Grand Total	200,136,423	149,481,455	6,986,763,208

2. Major Fishery Imports in Terms of Value, 2007

Commodity/Kind	Quantity (kg)	CIF Value	
		USD	(Pesos)
1. Chilled Frozen Fish	111,478,833	78,412,179	3,664,985,246
A. Tuna	44,362,242	49,362,537	2,307,204,979
Papua New Guinea	17,747,909	20,967,038	979,999,356
Taiwan (Rep. Of China)	15,957,376	18,128,881	847,343,898
Japan (Excludes Okinawa)	6,849,473	6,472,299	302,515,255
Korea, Rep. Of (South)	1,529,665	1,572,430	73,495,378
Palau, Rep. Of	765,931	1,099,091	51,371,513
Micronesia, Federated States Of	353,858	249,219	11,648,496
Pacific Trust Territory	90,000	209,595	9,796,470
India	146,439	195,176	9,122,526
China, People'S Rep. Of	460,000	138,602	6,478,257
Indonesia (Includes (West Irian)	89,842	69,802	3,262,545
Thailand	121,924	61,869	2,891,757
Hongkong	31,000	54,983	2,569,905
United States Of America	8,342	53,341	2,493,158
Singapore	50,647	43,059	2,012,578
Spain	25,504	29,048	1,357,704
Vietnam	28,000	9,884	461,978
New Zealand (Excludes Western Samo:	10,517	4,964	232,017
Brazil	95,257	2,334	109,091
Norway	558	922	43,094
B. Mackerel	66,726,435	27,535,549	1,287,011,560
China, People'S Rep. Of	41,575,313	14,976,745	700,013,061
Japan (Excludes Okinawa)	17,545,791	9,537,064	445,762,371
Taiwan (Rep. Of China)	3,283,570	1,208,892	56,503,612
Korea, Rep. Of (South)	2,547,522	980,567	45,831,702
Mexico	584,550	351,845.00	16,445,235
United States Of America	779,810	338,563	15,824,435
Pakistan, Islamic Rep. Of	303,380	108,253	5,059,745
Malaysia (Federation Of Malaya)	57,357	17,591	822,203
Thailand	28,297	9,498	443,937
Australia	11,543	3,248	151,812
New Zealand (Excludes Western Samo:	8,752	2,566.00	119,935
Indonesia (Includes (West Irian)	550	717	33,513
C. Milkfish	390,156	1,514,093	70,768,707
Indonesia (Includes (West Irian)	382,527	1,496,783	69,959,637
United States Of America	5,238	12,224	571,350
Israel	622	3,215	150,269
Taiwan (Rep. Of China)	1,385	1,204	56,275
France	384	667	31,176

I. FISHERY RESOURCES

A. Marine Resources

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

B. Inland Resources

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

II. FISHERIES CONTRIBUTION TO THE ECONOMY, 2007

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

1. At Current Prices	2.2%
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 (PM)	% to Agricultural Sector	At Constant Prices (PM)	% to Agricultural Sector
1. Agricultural crops (Palay, corn, coconut ,etc)	559,878	59.8	126,181	50.2
2. Livestock	116,897	12.5	29,083	11.6
3. Poultry	68,650	7.3	25,069	10.0
4. Agricultural activities	43,430	4.6	11,033	4.4
5. Fishery	143,426	15.3	58,584	23.3
6. Forestry	4,133	0.4	1,322	0.5
Total	936,415	100.0	251,272	100.0

B. IMPORTS ^{5/}

1. Import of Fish and Fishery Products By Kind, Quantity and Value, 2007

Commodity/ Kind	Quantity (Kg)	QF Value	
		(USD)	(Pesos)
● Fish Crustaceans, Mollusks, etc. and Preparation	156,398,141	103,783,571	4,850,844,112
a. Fish fresh (live or dead) chilled or frozen	122,711,565	86,945,202	4,063,818,743
b. Fish, dried, salted or in brine, smoked fish	161,623	231,754	10,832,185
c. Crustaceans, mollusks and aquatic invertebrates	32,115,940	14,973,202	699,847,462
d. Fish and other aquatic invertebrate, prepared/ preserved	1,409,013	1,633,413	76,345,722
● Shells and By-Products	933,385	645,973	30,192,777
● Miscellaneous and Other Fishery Products	42,804,897	45,051,911	2,105,726,319
Grand Total	200,136,423	149,481,455	6,986,763,208

Note: Figures may not add up due to rounding off

Major Fisheries Export in Terms of Value, 2007

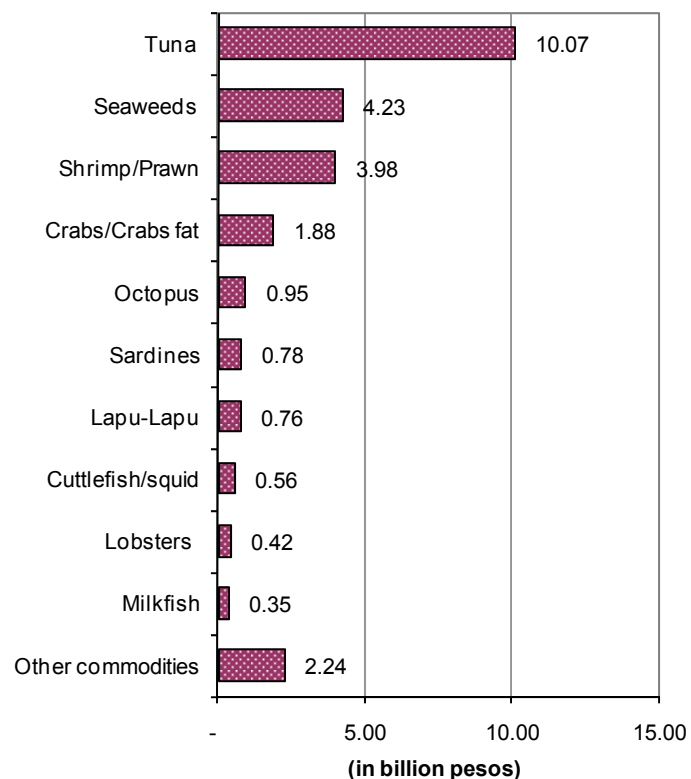


Figure 5

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 2002 Census of Fisheries

D. Balance of Trade ^{5/}

	2007			2006		
	Quantity (MT)	FOB Value (P M)	FOB Value (\$ M)	Quantity (MT)	FOB Value (P M)	FOB Value (\$ M)
Fishery Exports	173,076	26,239	570	189,851	25,701	505
Fishery Imports	204,458	7,200	154	209,615	6,142	119
Trade Balance	(31,382)	19,038	416	(19,764)	19,559	386

E. Total Fish Production, by Sector, 2007

Sector	Quantity (MT)	%	Value ('000 P)	%
1. Aquaculture	2,214,826.2	47.0	61,597,274.20	34.1
2. Municipal Fis	1,304,356.5	27.7	64,210,385.64	35.6
3. Commercial I	1,192,069.8	25.3	54,737,468.34	30.3
Total	4,711,252.4	100.0	180,545,128.18	100.0

4. Fishery Exports, by Major Country of Destination in Terms of Value, 2007

Country/Destination	Quantity kg	FOB Value	
		USD	Pesos
United States of America	40,128,636	155,087,088	7,141,760,402
Japan (Excludes Okinawa)	12,914,167	71,172,552	3,277,496,020
Germany	14,623,742	40,940,476	1,885,308,920
Hongkong	12,875,101	40,318,890	1,856,684,885
Korea, Rep. of (South)	4,754,657	27,554,310	1,268,875,976
Thailand	8,904,649	18,149,234	835,772,226
France	7,247,315	17,615,400	811,189,170
Singapore	5,520,606	15,572,408	717,109,388
Spain	5,726,666	15,418,425	710,018,471
Taiwan (Rep. of China)	6,502,846	13,801,278	635,548,852
Canada	3,167,550	11,580,089	533,263,098
Uk	3,616,031	10,465,436	481,933,328
Italy	3,787,940	9,652,517	444,498,408
Denmark	1,609,911	8,325,687	383,397,886
China, People'S Rep. of	4,793,977	7,133,587	328,501,681
Israel	2,502,892	6,643,340	305,925,807
Belgium	1,767,049	6,418,208	295,558,478
Netherlands	2,253,203	5,547,444	255,459,796
Saudi Arabia	2,470,792	5,117,735	235,671,697
Australia	1,213,431	4,725,630	217,615,262
Total Major Countries	146,381,161	491,239,734	22,621,589,751
Other Countries	26,694,519	78,549,158	3,617,188,726
Grand Total	173,075,680	569,788,892	26,238,778,477

Commodity/Kind	Quantity (kg)	FOB Value	
		USD	Pesos
3. Shrimp/ Prawn	10,760,235	86,500,233	3,983,335,730
Fresh/ chilled/ frozen			
Japan (Excludes Okinawa)	10,063,753	84,516,030	3,891,963,182
Korea, Rep. Of (South)	4,481,971	41,253,082	1,899,704,426
United States Of America	2,752,320	21,031,906	968,519,271
Hongkong	1,059,162	7,746,061	356,706,109
Taiwan (Rep. Of China)	360,751	2,377,062	109,463,705
Guam	233,561	1,611,577	74,213,121
Canada	229,551	1,813,974	83,533,503
Pacific Trust Territory	206,461	2,602,221	119,832,277
Malaysia (Federation Of Malaya)	159,046	1,005,912	46,322,248
Germany	109,000	857,493	39,487,553
Others	99,600	1,132,369	52,145,592
	372,330	3,084,373	142,035,377
Dried	48,451	334,622	15,409,343
Japan (Excludes Okinawa)	34,155	252,045	11,606,672
Pacific Trust Territory	11,700	75,000	3,453,750
Taiwan (Rep. Of China)	1,120	4,089	188,298
United States Of America	725	1,440	66,312
Canada	481	928	42,734
China, People'S Rep. Of	200	200	9,210
Hawaii	70	920	42,366
Breeder	188	750	34,538
Hongkong	188	750	34,538
Prepared and preserved	647,843	1,648,831	75,928,668
United States Of America	235,661	573,645	26,416,352
United Arab Emirates, N.E.S.	68,164	182,507	8,404,447
Canada	60,880	185,270	8,531,684
Thailand	41,580	119,200	5,489,160
Netherlands	37,670	90,972	4,189,261
Australia	26,311	68,475	3,153,274
Saudi Arabia	23,540	59,245	2,728,232
Japan (Excludes Okinawa)	21,780	44,738	2,060,185
Qatar	19,232	47,249	2,175,816
Kuwait	19,179	44,619	2,054,705
Others	93,846	232,911	10,725,552
Total (3) major commodities	112,112,337	396,979,714	18,280,915,830
Total other commodities	60,963,343	172,809,178	7,957,862,647
Grand Total	173,075,680	569,788,892	26,238,778,477

Total Fish Production, By Sector, 2007

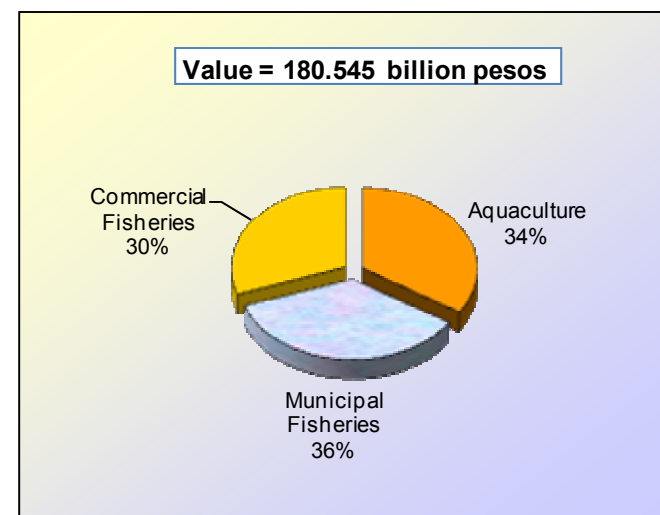
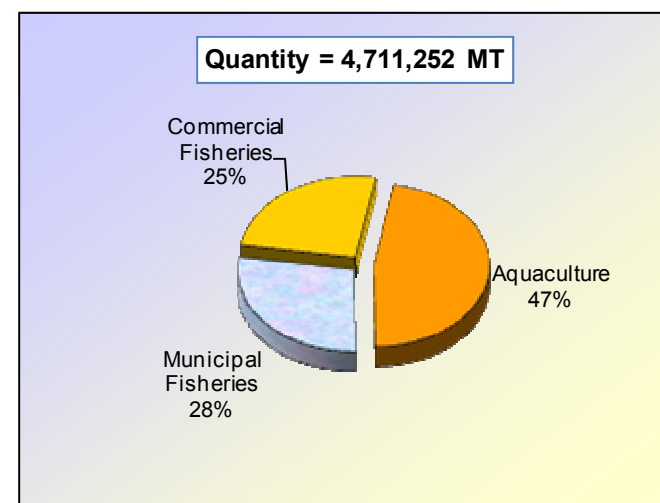


Figure 2

**F. Fish Production, by Sector and Region, 2007
in (MT)**

Region	Commercial	Municipal	Aquaculture	Total	% share to total
CAR		893.22	2,987.99	3,881.21	0.1
I	6,840.08	37,821.17	102,093.59	146,754.84	3.1
II	18,744.91	27,284.36	13,129.81	59,159.08	1.3
III	9,940.05	41,945.80	207,489.16	259,375.01	5.5
NCR	81,895.09	6,016.58	2,850.41	90,762.08	1.9
IV-A	87,028.14	122,202.87	177,918.32	387,149.33	8.2
IV-B	50,895.59	244,585.66	370,520.48	666,001.73	14.1
V	54,749.64	128,277.39	66,750.68	249,777.71	5.3
VI	113,012.93	149,011.80	146,242.63	408,267.36	8.7
VII	56,173.97	51,818.64	118,140.20	226,132.81	4.8
VIII	73,642.38	83,947.30	34,124.20	191,713.88	4.1
IX	271,397.64	119,580.08	221,544.87	612,522.59	13.0
X	45,272.59	40,489.02	57,278.56	143,040.17	3.0
XI	16,870.14	34,402.86	18,078.56	69,351.56	1.5
XII	214,566.71	47,151.06	25,460.83	287,178.60	6.1
ARMM	84,106.97	92,982.43	624,039.45	801,128.85	17.0
CARAGA	6,932.95	75,946.23	26,176.44	109,055.62	2.3
Total	1,192,069.78	1,304,356.47	2,214,826.18	4,711,252.43	100.0

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

Commodity/ Kind	Quantity (kg)	FOB Value	
		USD	Pesos
2. Seaweeds	26,203,757	91,850,596	4,229,719,946
Seaweeds and other Algae, nes.	10,486,216	19,697,970	907,091,519
France	2,559,427	2,096,900	96,562,245
United States Of America	2,088,208	4,275,175	196,871,809
China, People'SRep. Of	1,894,681	1,783,762	82,142,240
Thailand	676,935	3,248,674	149,601,438
Vietnam	505,025	383,942	17,680,529
Denmark	278,100	77,000	3,545,850
Hongkong	243,196	190,979	8,794,583
Argentina	233,734	442,597	20,381,592
Japan (Excludes Okinawa)	218,366	254,452	11,717,515
Korea, Rep. Of (South)	197,400	115,600	5,323,380
Others	1,591,144	6,828,889	314,470,338
Seaweeds for human consumption	1,568,539	2,133,238	98,235,610
France	420,000	316,520	14,575,746
Korea, Rep. Of (South)	296,000	406,240	18,707,352
China, People'SRep. Of	287,000	153,858	7,085,161
Hongkong	176,241	147,780	6,805,269
Spain	164,611	401,833	18,504,410
United States Of America	70,027	69,806	3,214,566
Argentina	40,000	51,186	2,357,115
Taiwan (Rep. Of China)	20,135	36,747	1,692,199
Thailand	11,643	77,580	3,572,559
Japan (Excludes Okinawa)	3,752	25,991	1,196,886
Others	79,130	445,697	20,524,347
Carrageenan	14,149,002	70,019,388	3,224,392,817
United States Of America	2,316,607	11,739,346	540,596,883
Denmark	1,281,868	8,087,110	372,411,416
France	1,141,873	5,469,678	251,878,672
Canada	1,001,570	4,178,644	192,426,556
Germany	987,937	4,636,152	213,494,800
Belgium	873,455	3,129,643	144,120,060
Uk	839,631	3,666,590	168,846,470
Spain	829,528	3,961,763	182,439,186
Russian Federation	507,250	3,340,635	153,836,242
Australia	380,980	1,727,408	79,547,138
China, People'SRep. Of	277,000	1,031,787	47,513,791
Others	3,711,303	19,050,632	877,281,604

3. Major Destination of Top Three Fishery Exports by Kind, Quantity and Value, 2007

Commodity/Kind	Quantity (kg)	FOB Value	
		USD	Pesos
1. Tuna	75,148,345	218,628,885	10,067,860,154
Fresh/ chilled/ frozen	26,863,742	93,646,986	4,312,443,705
Thailand	7,504,443	11,791,362	542,992,220
United States Of America	6,921,558	39,229,188	1,806,504,107
Spain	4,468,005	10,491,820	483,148,311
Italy	2,455,609	6,124,780	282,046,119
Japan (Excludes Okinawa)	1,385,420	10,008,287	460,881,616
Singapore	879,715	2,418,373	111,366,077
Hongkong	572,580	2,255,727	103,876,228
Germany	311,664	1,719,025	79,161,101
Papua New Guinea	288,840	460,364	21,199,762
Taiwan (Rep. Of China)	199,922	613,272	28,241,176
Canada	55,287	254,155	11,703,838
Others	1,820,699	8,280,633	381,323,150
Smoked	403	1,410	64,931
Canada	403	1,410	64,931
Canned	48,284,200	124,980,489	5,755,351,518
United States Of America	11,395,172	30,906,672	1,423,252,246
Germany	12,442,802	31,545,394	1,452,665,394
Singapore	3,274,998	7,334,299	337,744,469
France	2,726,190	8,321,353	383,198,306
Uk	2,344,513	5,205,924	239,732,800
Saudi Arabia	1,956,316	4,173,680	192,197,964
Netherlands	1,761,991	4,272,410	196,744,481
South Africa, Rep. Of 7/	1,065,392	2,856,213	131,528,609
Israel	1,056,981	2,930,760	134,961,498
Canada	579,336	1,471,133	67,745,675
Others	9,680,509	25,962,651	1,195,580,079

F.a. Value of Fish Production, by Sector and Region, 2007 (in '000 P)

Region	Commercial	Municipal	Aquaculture	Total	%share to total
CAR		74,466.10	233,840.80	308,306.90	0.2
I	510,465.38	2,735,052.30	6,469,243.44	9,714,761.12	5.4
II	1,187,785.09	1,804,021.43	905,722.14	3,897,528.66	2.2
III	576,755.17	2,633,096.17	19,322,111.30	22,531,962.64	12.5
NCR	4,330,207.81	365,475.50	132,743.28	4,828,426.59	2.7
IV-A	4,951,349.97	3,821,199.33	8,450,984.94	17,223,534.24	9.5
IV-B	1,850,940.64	9,585,811.02	2,240,904.02	13,677,655.68	7.6
V	2,101,211.18	6,500,599.48	1,599,703.00	10,201,513.66	5.7
VI	6,012,257.60	8,629,887.46	4,928,747.66	19,570,892.72	10.8
VII	2,415,542.51	3,169,054.26	1,248,114.01	6,832,710.78	3.8
VIII	3,910,416.76	5,097,125.97	1,465,828.85	10,473,371.58	5.8
IX	8,418,985.77	5,389,153.66	3,578,472.56	17,386,611.99	9.6
X	1,734,168.92	2,298,222.74	4,387,226.69	8,419,618.35	4.7
XI	1,134,822.24	1,794,162.30	1,139,821.08	4,068,805.62	2.3
XII	12,419,152.74	2,036,227.87	1,539,810.85	15,995,191.46	8.9
ARMM	2,831,635.14	4,093,974.03	2,980,579.21	9,906,188.38	5.5
CARAGA	351,771.42	4,182,856.02	973,420.37	5,508,047.81	3.1
Total	54,737,468.34	64,210,385.64	61,597,274.20	180,545,128.18	100.0

2. Major Fishery Exports in Terms of Value, 2007

Commodity/Kind	Quantity Kg	FOB Value	
		(USD)	(Pesos)
1. Tuna	75,148,345	218,628,885	10,067,860,154
Fresh/ chilled/ frozen	26,863,742	93,646,986	4,312,443,705
Smoked	403	1,410	64,931
Canned	48,284,200	124,980,489	5,755,351,518
2. Seaweeds	26,203,757	91,850,596	4,229,719,946
Seaweeds and other Algae, nes.	10,486,216	19,697,970	907,091,519
Seaweeds for human consumption	1,568,539	2,133,238	98,235,610
Carrageenan	14,149,002	70,019,388	3,224,392,817
3. Shrimp/ Prawn	10,760,235	86,500,233	3,983,335,730
Fresh/ chilled or frozen	10,063,753	84,516,030	3,891,963,182
Breeder	188	750	34,538
Dried	48,451	334,622	15,409,343
Prepared and preserved	647,843	1,648,831	75,928,668
4. Crabs/ crabs fat	3,990,133	40,754,448	1,876,742,330
Live, Frozen	1,809,996	8,994,576	414,200,225
Prepared/ preserved	2,180,137	31,759,872	1,462,542,106
5. Octopus	6,909,544	20,597,210	948,501,521
Dried, salted or in brine	64,647	179,873	8,283,152
Fresh or chilled	117,123	241,022	11,099,063
Frozen	6,727,774	20,176,315	929,119,306
6. Sardines	9,169,813	16,993,602	782,555,372
Fresh/ chilled/ frozen	206,025	245,918	11,324,524
Smoked	3,013	13,203	607,998
Prepared/ preserved	8,960,775	16,734,481	770,622,850
7. Lapu-lapu			
Lapu-Lapu for breeding, live	5,358,388	16,586,777	763,821,081
8. Cuttlefish/ squid	3,237,326	12,251,274	564,171,168
Fresh/ chilled/ frozen/ dried	2,987,550	11,641,839	536,106,686
Prepared/ preserved	249,776	609,435	28,064,482
9. Lobster			
Fresh or chilled	1,803,974	9,223,731	424,752,813
10. Milkfish	2,518,035	7,701,154	354,638,142
Live, fresh , chilled or frozen	1,545,615	4,739,791	218,267,376
Dried, wtr/ not salted	132,915	403,946	18,601,713
In airtight containers	839,505	2,557,417	117,769,053
Total major commodities	145,099,550	521,087,910	23,996,098,256
Total of other commodities	27,976,130	48,700,982	2,242,680,221
Grand Total	173,075,680	569,788,892	26,238,778,477

G. Fish Production, by Sector 1998-2007

1. Volume of Fish Production (in MT)

Year	Aquaculture	Municipal	Commercial	Total
2007	2,214,826.2	1,304,356.5	1,192,069.8	4,711,252.4
2006	2,092,275.8	1,235,528.8	1,080,667.7	4,408,472.3
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

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

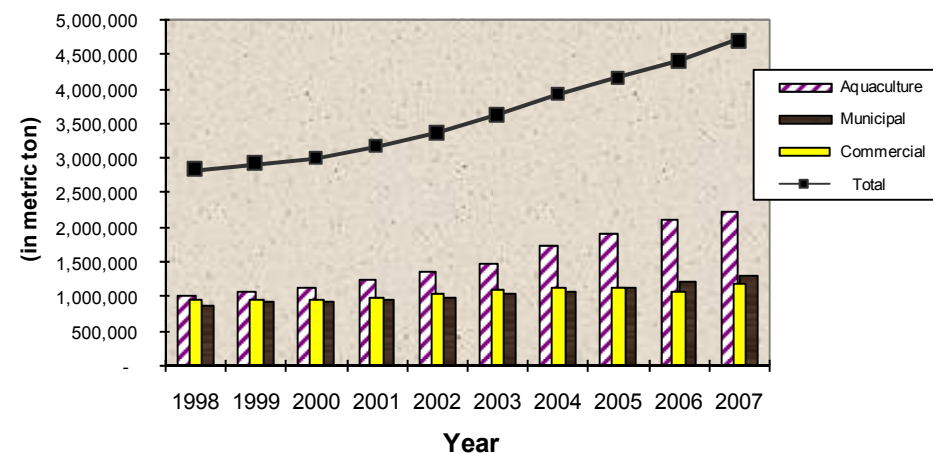
Year	Aquaculture	Municipal	Commercial	Total
2007	61,597,274.20	64,210,385.64	54,737,468.34	180,545,128.2
2006	55,671,892.8	59,146,569.7	48,555,921.0	163,374,383.5
2005	49,169,787.9	49,950,423.5	47,272,737.5	146,392,948.9
2004	44,822,257.0	45,674,851.6	48,349,268.7	138,846,377.3
2003	37,199,123.0	40,664,303.0	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

A. EXPORTS ^{5/}

1. Export of Fish and Fishery Products by Kind, Quantity and Value, 2007

Commodity/Kind	Quantity Kg	FOB Value	
		(USD)	(Pesos)
A. Fish, Crustaceans, Molluscs, etc. and Preparation	138,356,234	471,315,011	21,704,056,257
A.1 Fish, fresh (live/dead), Chilled/Frozen	46,461,982	137,584,464	6,335,764,567
A.2 Fish, dried, salted/in brine; smoked fish	1,575,404	6,160,613	283,696,229
A.3 Crustaceans, molluscs and aquatic invertebrates	25,992,664	145,069,812	6,680,464,843
A.4 Fish and other aquatic invertebrate, prepared/ preserved	64,326,184	182,500,122	8,404,130,618
B. Shells and By-Products	3,554,213	3,153,907	145,237,417
C. Miscellaneous and other fishery products	31,165,233	95,319,974	4,389,484,803
Grand Total	173,075,680	569,788,892	26,238,778,477

Volume of Fish Production, By Sector 1998-2007



Value of Fish Production, By Sector 1998-2007

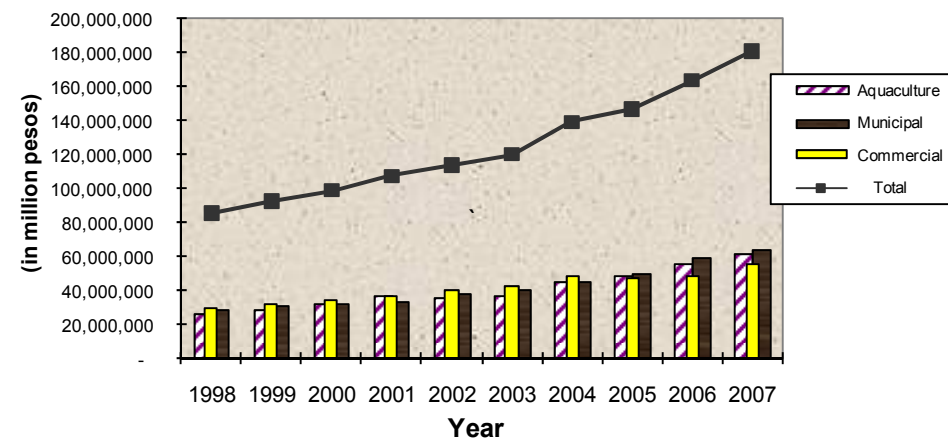


Figure 3

H. Five Year Fish Production, Trend 2003-2007

Year	Quantity (MT)	% Increase/ (Decrease)	Value ('000 P)	% Increase/ (Decrease)
2007	4,711,252	6.9	180,545,128	10.5
2006	4,408,472	5.9	163,374,384	11.6
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



External Trade

Five Year Fish Production, Trend 2003-2007

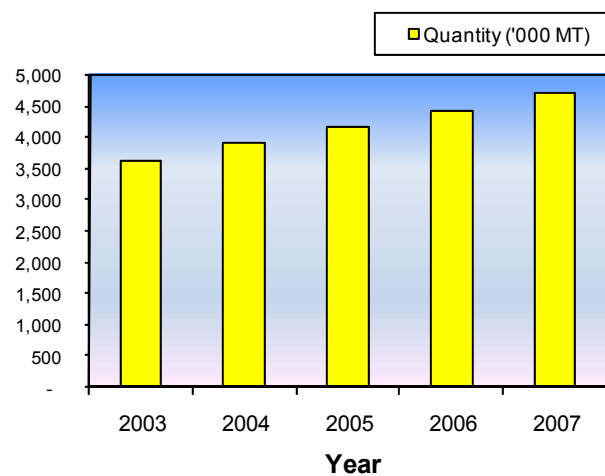


Figure 4



**NUMBER OF COMMERCIAL FISHING OPERATORS
AND VESSELS, BY REGION, AS OF 2007**

Region	No. of Operators	No. of Vessels
NCR	138	758
CAR	4	6
I	36	74
II	68	111
III	50	137
IV-A	153	226
IV-B	259	455
V	248	387
VI	238	667
VII	278	565
VIII	240	350
IX	100	454
X	93	136
XI	89	269
XII	323	1717
ARMM	10	18
CARAGA	31	41
TOTAL	2,358	6,371



Aquaculture Production, 2007

This includes production from the following:

- Brackishwater fishpond
- Freshwater fishpond
- Fish pen and fish cage in fresh and marine waters



B. COMMERCIAL FISHERIES PRODUCTION, BY MAJOR FISH SPECIES, 2007

Major Species	Total (MT)	%to Total
1. Roundscad (Galunggong)	244,670.92	20.5
2. Indian Sardines (Tamban)	134,309.60	11.3
3. Frigate Tuna (Tulingan)	123,636.49	10.4
4. Skipjack (Gulyasan)	152,098.11	12.8
5. Yellowfin tuna (Tambakol/ Bariles)	82,659.88	6.9
6. Big-eyed Scad (Matang-baka)	33,465.99	2.8
7. Fimbriated Sardines (Tunsoy)	52,104.71	4.4
8. Slipmouth (Sapsap)	28,551.64	2.4
9. Eastern little tuna (Bonito)	47,723.92	4.0
10. Indian Mackerel (Alumahan)	36,154.81	3.0
11. Other Species	256,693.71	21.5
Total	1,192,069.78	100.0

A. SUMMARY OF AQUACULTURE PRODUCTION BY CULTURE ENVIRONMENT AND REGION, 2007 (In Metric Tons)

Region	Total Aquaculture	Brackishwater				Freshwater				Marine Waters			Oyster Mussel and Seaweed	SFR	Rice Fish		
		Fish-pond	Fish cage	Fish pen	Total	Fish-pond	Fish cage	Fish pen	Total	Fish cage	Fish pen	Total					
NCR	2,850	555			555											5	
CAR	2,988				0	1,469	403	1,877	2,988								0.1
I	102,094	26,906	1,981	5,250	34,137	5,603	35	2	5,640	45,282	11,602	56,883	5,430			0.1	
II	13,130	3,869	248		4,116	6,181	990		7,171								83
III	207,489	84,174	2	0	84,176	112,972	-		112,972	2,888	18	2,906	7,436				
IV-A	177,918	15,399			15,399	2,154	81,851	44,630	128,635	10	347	357	33,528				
IV-B	370,520	4,992	0	0	4,992	576	-		576	4	33	37	364,916				
V	66,751	4,737			4,737	1,627	8,549		10,176	31	0	31	51,806				
VI	146,243	72,747	9	41	72,797	607	-		607	32	1,610	1,642	71,197				
VII	118,140	8,436	0		8,437	90	4	0	94	845	24	868	108,741				
VIII	34,124	4,940	2	7	4,948	201	46	24	271	6,653	15	6,668	22,237				
IX	221,545	19,201			19,201	130			130	28	6	34	202,180				
X	57,279	20,592			20,592	1,104	1		1,106	55	1	55	35,526				
XI	18,079	5,166	31	3	5,201	1,065	5	13	1,083	4,592	4,560	9,152	2,644				
XII	25,461	7,795			7,795	1,032	1,544	13,549	16,124	1,459	0	1,459	82				
CARAGA	26,176	3,573	1,290	37	4,900	194	80	2	275	220	202	422	20,579				
ARMM	624,039	2,511			2,511	185	151	3,567	3,903		1	1	617,624				
TOTAL	2,214,826	285,594	3,563	5,338	294,495	135,187	95,178	63,674	294,039	62,097	18,418	80,515	1,545,691			83	3

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

A. COMMERCIAL FISH PRODUCTION, BY REGION AND BY TYPE OF LANDING CENTERS, 2007

Region	Total	Private	PFDA	LGU	Traditional
NCR	81,895.09		78,536.40		3,358.69
I	6,840.08		837.65	492.57	5,509.86
II	18,825.51			80.60	18,744.91
III	9,859.45	5,385.75			4,473.70
IV-A	87,028.14		12,030.82	5,433.95	69,563.37
IV-B	50,895.59				50,895.59
V	54,749.64	9,513.00		13,040.77	32,195.87
VI	113,012.93	7,730.32	2,480.16	27,401.25	75,401.20
VII	56,173.97				56,173.97
VIII	73,642.38	653.32		209.95	72,779.11
IX	271,397.64	91,844.61	7,825.97	13,353.69	158,373.37
X	45,272.59			4,891.18	40,381.41
XI	16,870.14	418.01	6,046.44		10,405.69
XII	214,566.71	101,805.32	107,517.70		5,243.69
CARAGA	6,932.95				6,932.95
ARMM	84,106.97				84,106.97
TOTAL	1,192,069.78	217,350.33	215,275.14	64,903.96	694,540.35

B. AQUACULTURE PRODUCTION BY CULTURE ENVIRONMENT, REGION AND SPECIES, 2007

1. Production from Brackishwater (in MT)

a) Fishpond

Region	Total	Milkfish	Tiger Prawn	W. Shrimp & Endeavor Prawn	Tilapia	Others
NCR	554.94	429.49	6.07		117.97	1.41
I	26,905.88	25,123.25	435.30	119.35	1,131.19	96.79
II	3,868.50	570.66	143.76	124.68	2,904.65	124.75
III	84,173.78	56,530.37	18,997.34	532.52	4,348.53	3,765.02
IV-A	15,398.89	13,907.91	1,105.26	284.23	26.82	74.67
IV-B	4,991.85	4,291.20	697.40		1.55	1.70
V	4,737.35	2,288.12	531.51	256.85	109.51	1,551.36
VI	72,747.24	71,067.14	770.64	116.62	480.61	312.23
VII	8,436.48	6,444.32	1,809.91	10.00	118.18	54.07
VIII	4,939.68	4,186.80	451.78	0.00	32.42	268.68
IX	19,201.17	10,695.16	5,660.06	945.32	1,784.93	115.70
X	20,591.89	9,136.75	7,406.12	105.19	305.40	3,638.43
XI	5,166.11	4,804.68	29.75	52.18	250.32	29.18
XII	7,795.40	7,080.67	302.38	21.00	373.27	18.08
CAR	-					0.00
CARAGA	3,573.47	1,954.80	1,270.03	149.64	47.05	151.95
ARMM	2,511.29	2,055.78	207.81	112.48	123.11	12.11
TOTAL	285,593.92	220,567.10	39,825.12	2,830.06	12,155.51	10,216.13

b) Fish cage

Region	Total	Milkfish	Tilapia	Others
NCR				
I	1,981.26	1,875.29	49.29	56.68
II	247.60	106.93	133.42	7.25
III	2.34	1.20	1.08	0.06
IV-A				
IV-B	0.25			0.25
V				
VI	8.54	<i>a/</i>		8.54
VII	0.26			0.26
VIII	2.00	2.00		
IX				
X				
XI	31.13	31.13		
XII				
CAR				
CARAGA	1,290.11	1,285.62	2.03	2.46
ARMM				
TOTAL	3,563.49	3,302.17	185.82	75.50

a/ - Volume less than .01 metric ton



Commercial Fisheries Production, 2007

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

c) Fish pen

Region	Total	Milkfish	Tilapia	Others
NCR				
I	5,250.17	5,181.34	68.30	0.53
II				
III	0.00			
IV-A				
IV-B	0.00			
V				
VI	40.88	40.88		
VII				
VIII	6.65	3.96		2.69
IX				
X				
XI	3.31	3.31		
XII				
CAR				
CARAGA	36.61	12.38	12.44	11.79
ARMM				
TOTAL	5,337.62	5,241.87	80.74	15.01

2. Production from Freshwater (in MT)

a) Fishpond

Region	Total	Tilapia	Catfish	Mudfish	Carp	Milkfish	Others
NCR	-	-	-	-	-	-	-
I	5,602.76	5,492.14	25.06	47.89	14.65		23.02
II	6,180.59	6,065.21	61.21	30.05	19.92		4.20
III	112,971.50	110,472.41	1,293.34	1,017.66	75.60		112.49
IV-A	2,153.61	1,731.89	135.68	46.75	239.29		
IV-B	575.89	573.44		0.83			1.62
V	1,627.07	1,477.91	149.16				
VI	607.24	266.04	336.14	0.22			4.84
VII	89.59	89.55	0.03	0.01			
VIII	200.50	189.65			1.10	9.50	0.25
IX	129.80	94.69	0.11	35.00			
X	1,104.35	847.39	14.64	53.05	189.20		0.07
XI	1,064.75	706.35	277.78	34.19	11.69	27.00	7.74
XII	1,031.79	752.20	244.38	35.13	0.07	0.01	
CAR	1,468.88	1,467.56	0.87		0.42		0.03
CARAGA	193.79	160.42	5.20	6.86	21.08	0.21	0.02
ARMM	184.87	69.38	105.49	10.00			
TOTAL	135,186.98	130,456.23	2,649.09	1,317.64	573.02	36.72	154.28

B. MARINE MUNICIPAL FISH CATCH, BY MAJOR FISH SPECIES, 2007

Major Species	Total	% to Total
Frigate Tuna (Tulingan)	67,835.62	6.0
Big-eyed Scad (Matang-baka)	61,562.22	5.4
Roundscad (Galunggong)	75,544.06	6.6
Indian Sardines (Tamban)	72,601.14	6.4
Indian Mackerel (Alumahan)	51,846.67	4.6
Anchovies (Dilis)	49,431.72	4.4
Yellowfin tuna	51,832.18	4.6
Squid (Pusit)	47,755.54	4.2
Fimbriated Sardines (Tunsoy)	48,305.99	4.3
Sipmouth (Sapsap)	34,061.63	3.0
Others	575,302.42	50.6
Total	1,136,079.19	100.0

**A. MUNICIPAL FISHERIES PRODUCTION, BY REGION, 2007
(in MT)**

Region	Marine	Inland	Total
NCR	6,016.58		6,016.58
CAR		893.22	893.22
I	35,030.48	2,790.69	37,821.17
II	18,224.45	9,059.91	27,284.36
III	28,265.46	13,680.34	41,945.80
IV-A (CAL)	41,989.16	80,213.71	122,202.87
IV-B (MIM)	243,828.40	757.26	244,585.66
V	124,068.80	4,208.59	128,277.39
VI	143,073.27	5,938.53	149,011.80
VII	51,616.73	201.91	51,818.64
VIII	81,017.18	2,930.12	83,947.30
IX	118,851.50	728.58	119,580.08
X	38,159.13	2,329.89	40,489.02
XI	34,246.93	155.93	34,402.86
XII	26,545.57	20,605.49	47,151.06
CARAGA	70,887.72	5,058.51	75,946.23
ARMM	74,257.83	18,724.60	92,982.43
TOTAL	1,136,079.19	168,277.28	1,304,356.47

b) Fish cage

Region	Total	Tilapia	Carp	Milkfish	Others
NCR	402.75	342.78	59.97		
I	34.88	34.88			
II	990.37	990.37			
III	-				
IV-A	81,850.76	65,780.85	1,853.52	14,213.04	3.35
IV-B	-				
V	8,548.76	8,537.03	11.73		
VI	-				
VII	4.38	4.38			
VIII	45.90	45.90			
IX					
X	1.36	1.36			
XI	4.50	4.50			
XII	1,544.01	1,544.01			
CAR	1,518.97	1,518.97			
CARAGA	79.89	79.55	0.28	0.06	
ARMM	151.08	116.17		34.91	
TOTAL	95,177.61	79,000.75	1,925.50	14,248.01	3.35

c) Fish pen

Region	Total	Tilapia	Milkfish	Carp	Others
NCR	1,887.34		1,887.34		
I	1.92	1.87		0.05	
II					
III					
IV-A	44,630.41	9,358.19	17,814.81	17,457.41	
IV-B					
V					
VI					
VII	-				
VIII	24.22	24.22			
IX					
X					
XI	13.32	13.29			0.03
XII	13,548.64	6,931.91	6,616.73		
CAR	-				
CARAGA	1.63	1.63			
ARMM	3,566.81	2,884.11	679.20	3.50	
TOTAL	63,674.29	19,215.22	26,998.08	17,460.96	0.03

d) Small-farm Reservoir

Region	Total	Tilapia	Mudfish	Carp	Others
I	0.10	0.10	a/		a/
II	82.96	74.42	2.50	2.02	4.02
CAR	0.11	0.11			0.00
TOTAL	83.17	74.63	2.50	2.02	4.02

e) Rice Fish

Region	Total	Tilapia	Mudfish	Carp	Others
I	3.01	1.16	1.25	0.20	0.40
CAR	0.03	0.03			
TOTAL	3.04	1.19	1.25	0.20	0.40



Municipal Fisheries Production, 2007

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 ^{7/}

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

3. Production from Marine Waters (in MT)

a) Fish cage

Region	Total	Milkfish	Grouper	Siganid	Snapper	Cavalla	Mud crab	Spiny lobster	Tilapia	Others
NOR	-									
I	45,281.62	45,242.79	5.66	1.02						32.15
II	-									
III	2,887.94	2,877.45						0.30		10.19
IV-A	9.86	3.32	2.44	0.98						3.12
IV-B	4.10	4.10								
V	31.43	22.71	3.95			4.77				
VI	31.74	3.42	21.71		6.04	0.07				0.50
VII	844.69	842.39	0.92	0.59	0.76			0.03		
VIII	6,653.29	6,492.32	141.80				6.50		12.67	
IX	27.66		23.97	3.22		0.47				
X	54.52	53.37		0.79			0.36			
XI	4,591.83	4,468.73	4.14	14.66		103.31				0.99
XII	1,458.65	1,025.32	1.37	0.58		21.68				409.70
CAR										
CARAGA	219.60	153.58	23.11	25.82				17.09		
ARMM										
TOTAL	62,096.93	61,189.50	229.07	47.66	6.80	130.30	6.86	17.42	12.67	456.65

b) Fish pen

Region	Total	Milkfish	Grouper	Sganid	Cavalla	Spiny lobster	Others
NCR	-						
I	11,601.72	11,594.76	5.46	1.50			
II	0.00						
III	18.00	18.00					
IV-A	346.81	346.56					0.25
IV-B	32.60						32.60
V	0.00						
VI	1,609.92	1,609.92					
VII	23.75	19.57	3.38	0.15			0.65
VIII	14.70			14.70			
IX	6.19		5.71		0.39	0.09	
X	0.69	0.53	0.01	0.01			0.14
XI	4,559.81	4,559.81					
XII	0.00						
CAR	0.00						
CARAGA	202.49	8.13	88.54	18.72	1.14	47.01	38.95
ARMM	1.26				1.26		
TOTAL	18,417.94	18,157.28	103.10	35.08	2.79	47.10	72.59

**D. MAJOR SPECIES PRODUCED IN
AQUACULTURE FISHERIES, 2007**

Species	Quantity (MT)	Percent (%)
Seaweeds	1,505,069.58	67.95
Milkfish	349,740.72	15.79
Tilapia	241,182.76	10.89
Shrimps/Prawns	41,940.04	1.89
Others	76,893.08	3.47
Total	2,214,826.2	100.00

Seaweeds

Region	Total
NCR	
CAR	
I	169.44
II	1,178.91
III	254.40
IV-A	26,581.12
IV-B	364,915.78
V	51,407.86
VI	55,636.68
VII	108,439.68
VIII	18,896.13
IX	201,618.69
X	35,524.82
XI	2,161.10
XII	82.33
ARMM	617,624.14
CARAGA	20,578.50
TOTAL	1,505,069.58

4. Production from Mariculture (in MT)

Region	Total	Oyster	Mussels	Seaweeds
NCR			5.38	
CAR				
I	5,430.24	4,468.67	792.13	169.44
II	1,759.79	580.88		1,178.91
III	7,435.60	5,074.44	2,106.76	254.40
IV-A	33,527.96	635.38	6,311.46	26,581.12
IV-B	364,915.78			364,915.78
V	51,806.08	40.11	358.11	51,407.86
VI	71,197.09	8,331.35	7,229.06	55,636.68
VII	108,741.08	301.40		108,439.68
VIII	22,237.28	31.74	3,309.41	18,896.13
IX	202,180.04	560.45	0.90	201,618.69
X	35,525.77	0.55	0.40	35,524.82
XI	2,643.80	482.70		2,161.10
XII	82.33			82.33
ARMM	617,624.14			617,624.14
CARAGA	20,578.88	0.38		20,578.50
TOTAL	1,545,685.86	20,508.05	20,113.61	1,505,069.58

C. AQUACULTURE PRODUCTION OF MAJOR COMMODITIES BY CULTURE ENVIRONMENT AND BY REGION, 2007
(In Metric Tons)

Milkfish

Region	Total	Brackishwater			Freshwater			Marine	
		Fishpond	Fish cage	Fish pen	Fishpond	Fish cage	Fish pen	Fish cage	Fish pen
NOR	2,316.83	429.49					1,887.34	45,242.79	11,594.76
I	89,017.43	25,123.25	1,875.29	5,181.34				2,877.45	18.00
II	677.59	570.66	106.93					3.32	346.56
III	59,427.02	56,530.37	1.20					4.10	
IV-A	46,285.64	13,907.91			14,213.04	17,814.81		22.71	1,609.92
IV-B	4,295.30	4,291.20		40.88				3.42	19.57
V	2,310.83	2,288.12	a/					842.39	
VI	72,721.36	71,067.14						6,492.32	
VII	7,306.28	6,444.32						53.37	0.53
VIII	10,694.58	4,186.80	2.00	3.96	9.50			4,468.73	4,559.81
IX	10,695.16	10,695.16						1,025.32	
X	9,190.65	9,136.75							
XI	13,894.66	4,804.68	31.13	3.31	27.00				
XII	14,722.73	7,080.67			0.01	6,616.73			
CAR								153.58	8.13
CARAGA	3,414.78	1,954.80	1,285.62	12.38	0.21	0.06			
ARMM	2,769.89	2,055.78				34.91	679.20		
TOTAL	349,740.73	220,567.10	3,302.17	5,241.87	36.72	14,248.01	26,998.08	61,189.50	18,157.28

Tilapia

Region	Total	Brackishwater			Freshwater			Marine	
		Fishpond	Fish cage	Fish pen	Fishpond	Fish cage	Fish pen	Small-farm	Rice Fish
NOR	460.75	117.97					342.78		
I	6,778.93	1,131.19	49.29	68.30	5,492.14	34.88	1.87	0.10	1.16
II	10,168.07	2,904.65	133.42		6,065.21	990.37		74.42	
III	114,822.02	4,348.53	1.08		110,472.41				
IV-A	76,897.75	26.82			1,731.89	65,780.85	9,358.19		
IV-B	574.99	1.55			573.44				
V	10,124.45	109.51			1,477.91	8,537.03			
VI	746.65	480.61			266.04				
VII	212.11	118.18			89.55	4.38			
VIII	304.86	32.42			189.65	45.90	24.22		
IX	1,879.62	1,784.93			94.69				
X	1,154.15	305.40			847.39	1.36			
XI	974.46	250.32			706.35	4.50	13.29		
XII	9,601.39	373.27			752.20	1,544.01	6,931.91		
CAR	2,986.67				1,467.56	1,518.97		0.11	0.03
CARAGA	303.12	47.05	2.03	12.44	160.42	79.55	1.63		
ARMM	3,192.77	123.11			69.38	116.17	2,884.11		
TOTAL	241,182.76	12,155.51	185.82	80.74	130,456.23	79,000.75	19,215.22	74.63	1.19