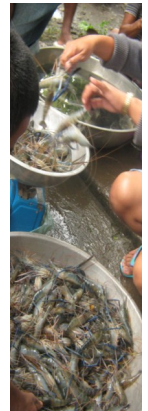


(Advanced Copy)

# Philippine Fisheries Profile 2014



*Department of Agriculture*

**BUREAU OF FISHERIES AND AQUATIC RESOURCES**

*PCA Compound, Elliptical Road, Diliman, Q. C.*

*Tel Nos. 929-9597*

*Fax Nos. 929-8074*

*Website: [www.bfar.da.gov.ph](http://www.bfar.da.gov.ph)*

*E-mail: [info@bfar.da.gov.ph](mailto:info@bfar.da.gov.ph)*



*Republic of the Philippines  
Department of Agriculture*

**BUREAU OF FISHERIES AND AQUATIC RESOURCES**



## Foreword

For 2014, the Bureau of Fisheries and Aquatic Resources (BFAR) is once again offering our publication on fishery information and relevant data on the fishery industry. A year-end performance and relevant information on fisheries, volume and value of production by region, commodity, culture environment; import and export data and world fisheries data were also gathered.

With the help and support of these agencies of which data were sourced out, we would like to acknowledge the Philippine Statistics Authority- Bureau of Agricultural Statistics (BAS), The National Statistics Office (NSO), and the National Statistical Coordination Board (NSCB), which was now integrated into one. Also to the Nutrition Research Institute - Department of Science and Technology (FNRI-DOST) and the Food and Agriculture Organization (FAO) and other agencies.



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*E-mail: [info@bfar.da.gov.ph](mailto:info@bfar.da.gov.ph)*

**ATTY. ASIS G. PEREZ**

Director

## ENDNOTES

### Sources of Data:

- <sup>1/</sup> NAMRIA (Wikipedia and CIA World Factbook 2009)
- <sup>2/</sup> 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.
- <sup>3/</sup> National Statistical Coordination Board (NSCB)  
([www.nscb.gov.ph](http://www.nscb.gov.ph))
- <sup>4/</sup> Preliminary data, 2002 Census of Fisheries
- <sup>5/</sup> National Statistics Office (NSO) ([www.census.gov.ph](http://www.census.gov.ph))
- <sup>6/</sup> Bureau of Agricultural Statistics (BAS) ([www.bas.gov.ph](http://www.bas.gov.ph))
- <sup>7/</sup> Directory of Philippine Wetlands, Volume II, AWBPFI
- <sup>8/</sup> BFAR Regional Yearbook, 2000
- <sup>9/</sup> BFAR Regulatory and Quarantine Division
- <sup>10/</sup> Food and Nutrition Research Institute Website, (<http://www.fnri.dost.gov.ph>.)
- <sup>11/</sup> FAO Website (<http://www.fao.org>.)
- <sup>12/</sup> Agricultural Marketing Statistical Analysis Division (AMSAD, BAS)

### E. PRICES OF SELECTED FISH SPECIES, PHILIPPINES, 2013- 2014 <sup>12/</sup>

(pesos per kilogram)

Species	2013		2014	
	Wholesale	Retail	Wholesale	Retail
1. Indian mackerel (Alumahan)	98.13	121.01	111.49	129.79
2. Milkfish (Bangus)	100.46	123.84	101.47	123.51
3. Threadfin bream (Bisugo)	120.74	161.26	131.41	171.96
4. Blue crab (Alimasag)	134.29	197.27	130.5	209.33
5. Caesio (Dalagang Bukid, lapad)	117.97	158.03	124.2	165.91
6. Anchovies (Dilis)	50.42	84.05	49.01	86.26
7. Roundscad (Galunggong)	82.29	108.02	86.3	113.84
8. Slipmouth (Sapsap)	83.8	128.14	90.85	132.03
9. Endeavor prawn (Shrimp, Suaje)	248.48	288.34	271.28	311.26
10. Tilapia	74.07	98.17	78.7	102.69
11. Frigate tuna (Tulingan)	88.64	111.57	94	113.47
12. Shrimp, Tiger prawn (sugpo)	398.85	453.35	437.04	490.14

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## WORLD AQUACULTURE PRODUCTION OF AQUATIC PLANTS BY PRINCIPAL PRODUCERS IN 2013 <sup>11/</sup>

Major Countries	Volume (MT)	% Share	Value (US\$' 000)	% Share
1. China	13,561,445	50.27	3,040,904	45.38
2. Indonesia	9,298,474	34.47	1,742,233	26.00
3. Philippines	1,558,378	5.78	233,618	3.49
4. Korea Rep.	1,131,305	4.19	411,137	6.14
5. Korea D P Rp.	444,300	1.65	66,645	0.99
6. Japan	418,365	1.55	1,080,811	16.13
7. Malaysia	269,431	1.00	25,671	0.38
8. Zanzibar	110,438	0.41	1,399	0.02
9. Vietnam	87,280	0.32	43,640	0.65
10. Denmark	40,000	0.15	21,373	0.32
11. Other Countries	58,896	0.22	33,921	0.51
<b>World Total</b>	<b>26,978,312</b>	<b>100</b>	<b>6,701,352</b>	<b>100</b>

**C. WORLD AQUACULTURE PRODUCTION OF FISH, CRUSTACEANS, MOLLUSCS, etc. BY PRINCIPAL PRODUCERS IN 2013<sup>11/</sup>**

Major Countries	Volume (MT)	% Share	Value (US\$ '000)	% Share
1. China	43,549,738	62.05	70,037,313	46.58
2. India	4,549,607	6.48	10,355,807	6.89
3. Indonesia	3,819,732	5.44	8,779,298	5.84
4. Vietnam	3,207,200	4.57	6,198,422	4.12
5. Bangladesh	1,859,808	2.65	4,413,994	2.94
6. Norway	1,247,865	1.78	6,896,891	4.59
7. Egypt	1,097,544	1.56	2,088,867	1.39
8. Thailand	1,056,944	1.51	3,165,809	2.11
9. Chile	1,033,206	1.47	7,525,266	5.01
10. Myanmar	929,180	1.32	1,714,771	1.14
11. Philippines	815,008	1.16	1,976,898	1.31
12. Japan	608,800	0.87	3,332,353	2.22
13. Brazil	473,429	0.67	1,310,071	0.87
14. USA	441,098	0.63	1,211,480	0.81
15. Other Countries	5,500,671	7.84	21,340,427	14.19
<b>World Total</b>	<b>70,189,830</b>	<b>100.00</b>	<b>150,347,667</b>	<b>100.00</b>

*Note: These countries are those with production of 140,000 tons or more in 2013*

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# Highlights

## World Scenario: Philippine Fisheries

- In 2013, the Philippines ranked 7<sup>th</sup> among the top fish producing countries in the world with its total production of 4.7 million metric tons of fish, crustaceans, mollusks, and aquatic plants (including seaweeds). The production constitutes 2.46% of the total world production of 191 million metric tons (*FAO website*).
- The Philippines' 0.815 million metric tons aquaculture production of fish, crustaceans and mollusks in 2013 ranked 11<sup>th</sup> in the world and a 1.16% share to the total global aquaculture production of 70.2 million metric tons. In terms of value, the country's aquaculture production of fish, crustaceans and mollusks has amounted to over 1.98 billion dollars (*FAO website*).
- Similarly, the Philippines is the world's 3<sup>rd</sup> largest producer of aquatic plants (including seaweeds) having produced a total of 1.56 million metric tons or nearly 5.78% of the total world production of 26.98 million metric tons (*FAO website*).

## Contribution to National Economy, 2014

- The fishing industry's contribution to the country's Gross Domestic Products (GDP) were 1.6 % and 1.8% at current and constant 2000 prices, respectively. This translates to some P197 billion for current prices and P130 billion for constant prices of the country's GDP of P12,643 billion (current prices) and P7,164 billion (constant prices).
- The industry also accounted for 13.8% (P197 billion) and 18.3% (P131 billion) of the Gross Value Added (GVA) in Agriculture, Hunting, Forestry and Fishing Group of P1,428 billion and P717.8

### B. WORLD FISHERIES PRODUCTION OF FISH, CRUSTACEANS, MOLLUSCS AND AQUATIC PLANTS <sup>11/</sup> (includes seaweeds), BY CAPTURE AND AQUACULTURE, BY MAJOR PRODUCERS, 2013 ('000 MT)

Major Countries	TOTAL		Fish, Crustaceans & Molluscs		Aquatic Plants (includes seaweeds)		
	MT	% share	Capture	Aquaculture	Capture	Aquaculture	Total
1. China	73,669,119	38.57	16,274,926	43,549,738	283,010	13,561,445	13,844,455
2. Indonesia	19,237,067	10.07	6,101,725	3,819,732	17,136	9,298,474	9,315,610
3. India	9,199,291	4.82	4,645,182	4,549,607	-	4,502	4,502
4. Viet Nam	6,098,280	3.19	2,803,800	3,207,200	-	87,280	87,280
5. USA	5,683,360	2.98	5,230,874	441,098	11,388	-	11,388
6. Peru	6,002,015	3.14	5,854,233	125,649	22,089	44	22,133
7. Philippines	4,705,507	2.46	2,331,721	815,008	400	1,558,378	1,558,778
8. Japan	4,768,519	2.50	3,656,854	608,800	84,500	418,365	502,865
9. Russian Federations	4,506,749	2.36	4,345,868	154,898	5,341	642	5,983
10. Myanmar	4,717,620	2.47	3,786,840	929,180	-	1,600	1,600
11. Chile	3,334,592	1.75	1,770,945	1,033,206	517,929	12,512	530,441
12. Norway	3,476,378	1.82	2,074,363	1,247,865	154,150	-	154,150
13. Korea Rep.	3,139,886	1.64	1,597,874	402,141	8,566	1,131,305	1,139,871
14. Thailand	2,900,691	1.52	1,843,747	1,056,944	-	-	-
15. Other Countries	39,575,609	20.72	30,253,634	8,248,764	169,446	903,765	1,073,211
<b>World Total</b>	<b>191,014,683</b>	<b>100.00</b>	<b>92,572,586</b>	<b>70,189,830</b>	<b>1,273,955</b>	<b>26,978,312</b>	<b>28,252,267</b>



**Mean One -Day per Capita Fish and Fish Products Consumption,  
Philippines, 2013**

Food Group/Sub Groups	Mean	
	g/day	Kg/Year
<b>Fish and Products</b>	<b>109.1</b>	<b>39.8</b>
<b>Fresh fish</b>	<b>76.0</b>	<b>27.8</b>
Tulingan	5.9	2.1
Bangus	13.0	4.7
Galunggong	12.8	4.7
Dilis, buo	1.3	0.5
Alumahan	1.5	0.6
Tamban	2.6	0.9
Dalagang bukid	1.4	0.5
Sapsap	2.1	0.8
Bisugo	1.9	0.7
Tilapia	12.5	4.6
Albakora/tambakol	2.3	0.8
Balila/espada	0.1	0.0
Hasa-hasa	1.5	0.5
Lapu-lapu	0.6	0.2
Matangbaka	3.1	1.1
Maya-maya	1.1	0.4
Salay-salay	0.4	0.1
Silinyasi/tunsoy	0.5	0.2
Tanigue	0.3	0.1
Other fresh fish & cooked fish recipe	11.2	4.1
<b>Dried fish (as fresh fish)</b>	<b>9.9</b>	<b>3.6</b>
<b>Processed fish</b>	<b>12.5</b>	<b>4.5</b>
Bagoong (as fresh fish)	1.9	0.7
Patis	0.5	0.2
Canned fish (sardines, mackerel, salmon, etc)	8.7	3.2
Smoked fish (all tinapa type)	1.4	0.5
<b>Crustaceans and mollusks</b>	<b>10.7</b>	<b>3.9</b>
Shrimp (all type)	2.2	0.8
Crabs	1.7	0.6
Squids/octopus	2.0	0.7
Tahong (mussels)	0.7	0.2
Others (fresh)	3.5	1.3
Dried and processed (as fresh)	0.3	0.1
Bagoong (as fresh)	0.4	0.2

2013 National Nutrition Survey, FNRI-DOST

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

- Total volume of fisheries production in the Philippines from January to December 2014 reached 4,689,084 metric tons. Fisheries production drop down by (5.6%) from 5 million metric tons in CY 2009 to 4.7 million metric tons in CY 2013. Average annual production growth rate within that period was registered at (0.9%). In terms of value, the 2014 fisheries production was valued at 242 billion pesos as compared with the 221.1 billion pesos in 2010, an average yearly increment of 1.9 billion pesos.
- The 2014 fisheries production also showed a slight decrease of 0.35% from the previous year's production of 4.7 million metric tons. The 2014 production was valued at 242 billion pesos.
- The annual performance of the fishing industry was attributed to the production of the three (3) sectors. The commercial sector has an increased production of 3.7 % (1.11 million MT) as compared to last year's production of 1.07 million MT while the aquaculture sector is 1.51% (2.34 million MT) lower than the previous year's level (2.37 million MT) followed by the municipal sector with -1.59 % (1.24 million MT).
- At the regional level, the Autonomous Region for Muslim

Mindanao (ARMM) registered the highest production among all regions with its 18.3% or 856,957 metric tons share to the total fisheries production, where seaweed was the major commodity produced followed by Region IX with a 12.2% share or 574,363 metric tons. Region IV-B (MIMAROPA) recorded an output of 562,057 metric tons or 12% to the total fisheries production.

- In terms of value, the industry has contributed P242 billion in 2014 as compared to P244.6 billion in 2013. The top three (3) regions were Region III with P30.91 billion, followed by Region VI with P28.47 billion and Region XII with P25 billion.
- The Aquaculture fisheries sub-sector contributed the highest value of about P 93.95 billion or 39 %. Next is municipal fisheries sub-sector with a total production of P 81.8 billion. Total fish caught by marine fishermen was valued at P71.9 billion while inland fisheries production was valued at P9.88 billion. The commercial sub-sector contributed P66.2 billion or 27% to the total fishery output.

## Fisheries Export and Import Performance

### Exports 2014

- Foreign trade performance of the fishery industry in 2014 registered a net surplus of 954 million dollars - total export value of 1,274 million US dollars and import value of 320 million US dollars.
- Export volume decreased by 5 % from 333,465 MT in 2013 to 316,863 MT in 2014. The three major export commodities (tuna, seaweeds, shrimp/prawn,) combined for 53% (169,295 MT) of the total export volume (316,863 MT) and 65% (US\$ 827,484 million) of the total export value US\$ 1,274 million in 2014.
- Tuna remained as the top export commodity with a collective

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

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

## A. FOOD CONSUMPTION <sup>10/</sup>

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

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

volume of 117,909 MT for fresh/chilled/frozen, smoked/dried, and canned tuna products valued at US \$ 443million. Canned tuna, though, constitutes bulk of tuna products being exported. In general, tuna export is down by 29% in terms of volume and lower in terms of value, (35) % than the previous year. Major markets for this commodity include USA, Japan and United Kingdom.

- Seaweeds came 2nd on export value with 20% increase from US\$ 218.7 million in 2013 to US\$ 264 million in 2014 or 21% share to the total export earnings for that year. Carrageenan remains the major product being shipped abroad comprising 80% of the total seaweed export value in pesos. USA, China and Belgium are among the major markets for Philippine seaweed products.
- Shrimp/Prawn ranked 3<sup>rd</sup> with a total contribution of US\$ 120 million to the total export value, higher than last years' export earnings of US\$ 67.5 million. Most of the shrimps/prawns are exported in fresh/chilled/frozen form with a total value of US\$ 67 million or 56% of the total shrimp/prawn export revenue. The 2014 shrimp/prawn exports decreased by 6.75% in volume (MT) but higher in value of 78% USD from the previous year's export. Japan, USA and France are among the major destination of shrimp/prawn products.
- Other major fishery exports e.g. crabs/crab fats, octopus, lapu-lapu, cuttlefish/squid, ornamental fish, roundscad and sea cucumber constitute 34.5% or US\$ 440 million of the total US\$ 1,268 million export revenues. Other commodities accounted for the remaining 16% 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, 25%; Japan, 15.5%; Germany, 6%; Hongkong 7%; UK,

4.3%; Spain, 2.5% ; France, 1.1%, , Taiwan (ROC) 3.5%, Canada, 1%, and China, Rep Of 6.3%; . Other countries have a cumulative share of 27%.

### Imports

- Fifty two percent of the total import value for 2014 was contributed by three major commodities: 46% in chilled/frozen fish, 1.6 % in prawn feeds, ; as well as flour, meals and pellets of fish, crustaceans, and mollusks fit and unfit for human consumption, 4.7%. These commodities have an aggregated value of US\$ 167 million out of the US\$ 320 million total import value.
- Prawn feeds were mostly sourced from Taiwan, (ROC) 1.6%; Vietnam, 0.4%; Thailand, 0.3% , Malaysia, 0.1%, and Australia, 0.05%; with a total of \$ 5.15 million on import value.
- Chilled/frozen fish comprise of tuna, mackerel and sardines with a total of US\$ 146 million . Tuna has an import value of US \$86 million, the largest among the three major import with a share of 27%. These were mostly supplied by Papua New Guinea 6 %; Taiwan (ROC) 9.6%; China, 2.7%, Korea, 1.9% and Japan, 1.7%. Other fishery imports include mackerel, 14.7% and sardines 4.1%.
- In terms of value, in general, the Philippine fishery imports originated from the following major countries: China, 27%; Indonesia, 5.8%; Taiwan (ROC), 10%; Papua New Guinea, 6%; Vietnam, 17%; Japan 5.2% ; Norway, 4% Korea, 3.5%; USA, 5.9%; and Chile, 2.9%. Other countries contributed 13.3% 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, 2014

Major Countries	Quantity (MT)	CIF Value	
		('000 \$)	('000 Pesos)
China, People'S Republic Of	120,807	85,928	3,840,107
Indonesia	10,179	18,825	841,303
Taiwan (Republic Of China)	30,157	33,617	1,502,323
Papua New Guinea	13,348	19,252	860,386
Vietnam	37,736	53,717	2,400,620
Japan (Excludes Okinawa)	21,200	16,895	755,059
Korea, Republic Of South	9,738	11,227	501,717
United States Of America	13,788	18,893	844,346
Denmark	1,187	4,137	184,880
Singapore	1,161	2,058	91,971
Chile	4,864	9,241	412,972
Norway	3,447	11,841	529,188
Peru	1,989	2,212	98,868
Thailand	6,696	7,742	345,973
New Zealand	1,172	4,302	192,235
Malaysia	883	1,843	82,346
Marshall Islands, Rep. Of	923	1,523	68,044
Germany	1,727	1,022	45,653
Uk Great Britain And N. Ireland	2,146	2,256	100,842
Hongkong	59	107	4,800
<b>Total Major Countries</b>	<b>283,207</b>	<b>306,638</b>	<b>13,703,633</b>
<b>Other Countries</b>	<b>19,126</b>	<b>13,082</b>	<b>584,655</b>
<b>Total</b>	<b>302,333</b>	<b>319,720</b>	<b>14,288,288</b>

- Fishery Resources
- 2014 Fisheries Contribution To The Economy



## Philippine Marine Jurisdictional Boundaries

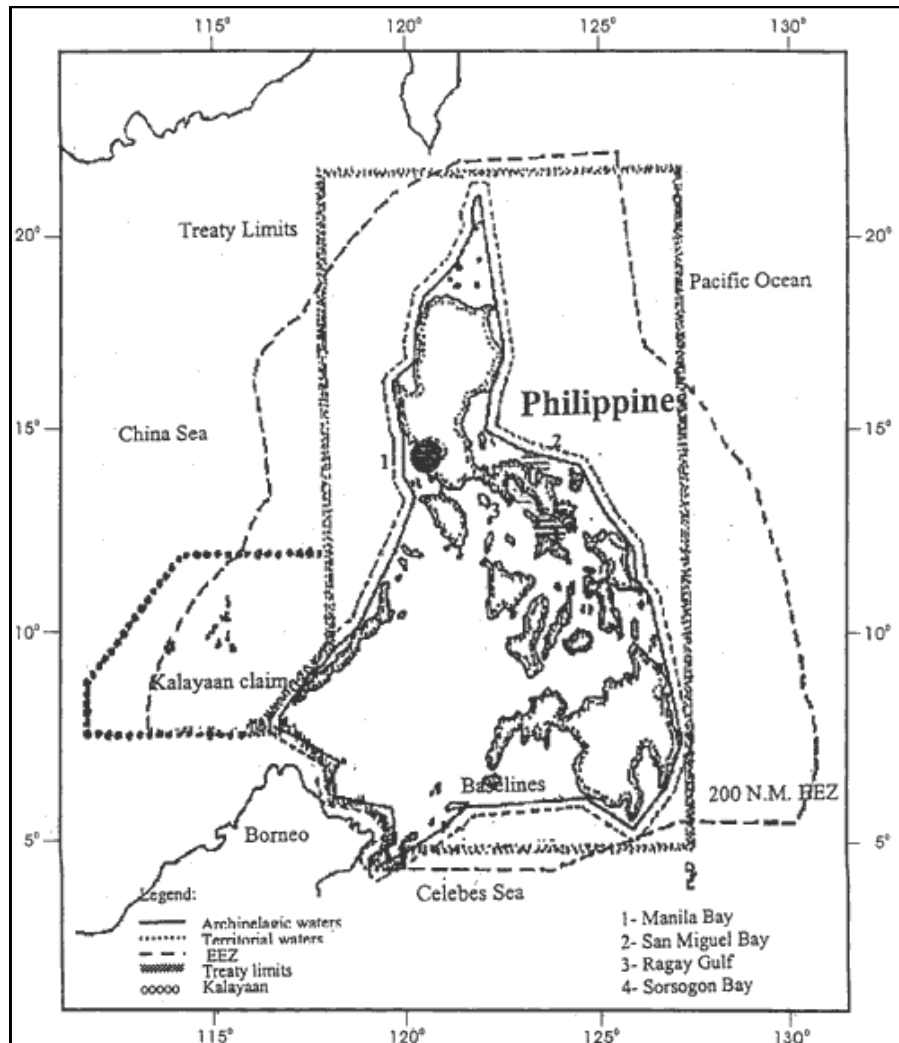


Figure 1. Map of the Philippines showing the limits of archipelagic, territorial waters treaty limits Exclusive Economic Zone (200 N. M. EEZ) and Kalayaan claim.

Commodity/Kind	Quantity (MT)	CIF Value	
		('000 \$)	('000 Pesos)
<b>2. Prawn feeds</b>	<b>5,083</b>	<b>5,147</b>	<b>230,032</b>
Taiwan	2,151	2,410	107,711
China, People'S Rep. Of	239	86	3,864
Malaysia	140	164	7,334
Thailand	586	801	35,803
Australia	181	149	6,652
Japan	10	25	1,129
Korea, Rep of	19	76	3,391
Vietnam	1,746	1,413	63,149
Others	9	22	997
<b>3. Flour, meals &amp; pellets of fish, crustaceans &amp; molluscs</b>			
<b>fit or unfit for human consum </b>	<b>18,690</b>	<b>15,085</b>	<b>674,152</b>
Peru	1,511	1,734	77,497
U S A	353	364	16,247
Thailand	4,290	4,540	202,902
Denmark	439	920	41,111
China, People's Rep. of	260	108	4,810
France	125	334	14,946
Taiwan	115	88	3,929
Germany	1,592	743	33,197
Vietnam	28	173	7,711
Korea, South	1,458	1,079	48,198
Italy	7,744	4,241	189,508
Others	775	763	34,097
<b>Total major imports</b>	<b>211,510</b>	<b>166,584</b>	<b>4,746,757</b>
<b>Other Commodities</b>	<b>90,823</b>	<b>153,136</b>	<b>9,541,531</b>
<b>Grand Total</b>	<b>302,333</b>	<b>319,720</b>	<b>14,288,288</b>

## 2. Major Fishery Imports in Terms of Value, 2014

Commodity/Kind	Quantity (MT)	CIF Value	
		('000 \$)	('000 Pesos)
<b>1. Chilled/Frozen Fish</b>	<b>187,737</b>	<b>146,352</b>	<b>6,540,459</b>
<b>A. Tuna</b>	<b>88,381</b>	<b>85,983</b>	<b>3,842,573</b>
Indonesia	1,892	2,755	123,113
Taiwan	27,614	30,790	1,375,986
Papua New Guinea	13,348	19,252	860,386
Japan	9,232	5,635	251,832
Korea	4,931	6,237	278,743
Singapore	740	1,192	53,293
China, People'S Rep. of	19,751	8,738	390,490
Marshall Islands	853	1,391	62,153
U S A	3,403	3,960	176,974
Vietnam	4,698	4,070	181,891
Others	1,919	1,963	87,711
<b>B. Mackerel</b>	<b>77,946</b>	<b>47,143</b>	<b>2,106,819</b>
China, People'S Rep. of	51,335	26,739	1,194,966
Japan	10,141	9,383	419,312
Taiwan	48	31	1,374
Korea, Rep of South	1,445	815	36,436
New Zealand	162	229	10,213
U S A	1,380	1,066	47,650
Vietnam	12,555	8,491	379,483
Others	879	389	17,384
<b>C. Sardines</b>	<b>21,411</b>	<b>13,226</b>	<b>591,067</b>
India	3,685	2,361	105,511
U S A	51	43	1,938
China, People'S Republic	15,502	9,279	414,686
Japan	413	410	18,304
Others	1,759	1,133	50,628

## 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) <sup>1/</sup>	36,289 km

### B. Inland Resources

1. Swamplands	246,063 ha
a. Freshwater	106,328 ha
b. Brackishwater <sup>1/</sup>	139,735 ha
2. Existing Fishpond	253,854 ha
a. Freshwater	14,531 ha
b. Brackishwater <sup>2/</sup>	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

## II. FISHERIES CONTRIBUTION TO THE ECONOMY, 2014

### A. Fisheries Contribution to Total GDP <sup>3/</sup>

1. At Current Prices	1.6%
2. At Constant Prices	1.8%

### B. Fisheries Contribution to GVA in Agriculture, Hunting, Forestry and Fishing by Industry Group <sup>3/</sup>

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)	823,825	57.7	355,854	49.6
2. Livestock	176,828	12.4	95,885	13.4
3. Poultry	129,131	9.0	77,930	10.9
4. Agricultural activities	96,416	6.8	52,396	7.3
6. Forestry	4,797	0.3	5,265	0.7
5. Fishing	197,134	13.8	130,495	18.2
<b>Total</b>	<b>1,428,131</b>	<b>100</b>	<b>717,824</b>	<b>100.0</b>

Note: GDP at current and constant 2000 prices

## B. IMPORTS <sup>5/</sup>

### 1. Import of Fish and Fishery Products By Kind, Quantity and Value, 2014

Commodity/Kind	Quantity (MT)	CIF Value	
		('000 \$)	('000 Pesos)
● Fish Crustaceans, Mollusks, etc. and Preparation	<b>266,838</b>	<b>264,338</b>	<b>11,813,276</b>
a. Fish fresh (live or dead) chilled or frozen	230,283	211,771	9,464,058
b. Fish, dried, salted or in brine, smoked fish	442	602	26,917
c. Crustaceans, mollusks and aquatic invertebrates	32,777	47,171	2,108,083
d. Fish and other aquatic invertebrate, prepared/preserved	3,336	4,793	214,218
● Shells and By-Products	<b>925</b>	285	12,758
■ Miscellaneous and Other Fishery Products	<b>34,571</b>	55,096	2,462,254
<b>Grand Total</b>	<b>302,333</b>	<b>319,720</b>	<b>14,288,288</b>

Note: Figures may not add up due to rounding off



### Major Fishery Exports in Terms of Value, 2014

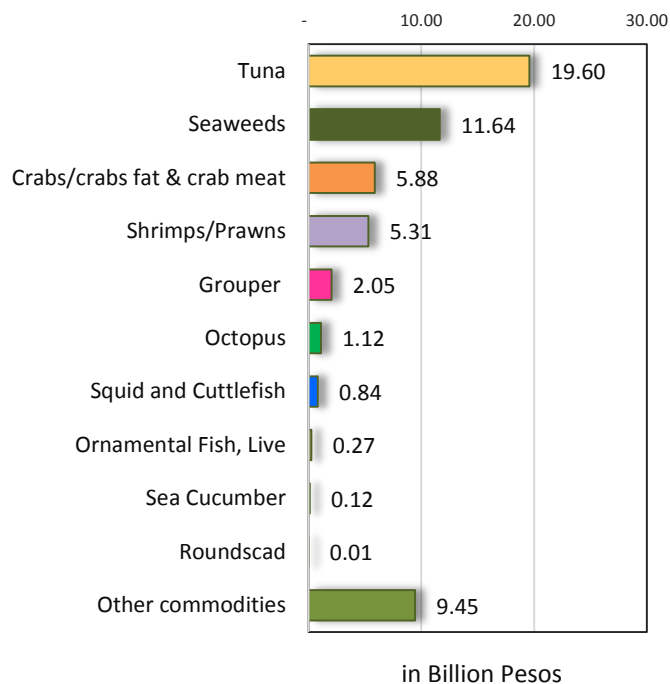


Figure 5

### C. Employment <sup>4/</sup>

#### 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
<b>Total</b>	<b>1,614,368 operators</b>

\* Based on 2002 Census of Fisheries

### D. Balance of Trade <sup>5/</sup>

	2014			2013		
	Quantity (MT)	FOB Value (P M)	FOB Value (\$ M)	Quantity (MT)	FOB Value (P M)	FOB Value (\$ M)
Fishery Exports	316,863	56,349	1,274	333,465	58,801	1,386
Fishery Imports	302,333	14,288	320	262,121	12,859	300
Trade Balance	14,530	42,061	954	71,344	45,942	1,086

#### E. Total Fish Production, by Sector, 2014

Sector	Quantity (MT)	%	Value Current Prices ('000 P)	%
1. Aquaculture	2,337,604.96	49.9	93,949,009.98	38.8
2. Municipal Fisheries	1,244,258.95	26.5	81,805,031.27	33.8
3. Commercial Fisheries	1,107,220.80	23.6	66,189,808.47	27.4
<b>Total</b>	<b>4,689,084.71</b>	<b>100.0</b>	<b>241,943,849.72</b>	<b>100.0</b>

#### 4. Fishery Exports, by Major Country of Destination in Terms of Value, 2014

Country/Destination	Quantity (MT)	FOB Value	
		('000 \$)	('000 Pesos)
United States Of America	60,588	319,496	14,131,324
Japan (Excludes Okinawa)	27,981	196,830	8,705,777
Germany	20,874	76,374	3,378,005
Hongkong	21,526	88,053	3,894,603
Uk Great Britain And N. Ireland	17,324	54,677	2,418,357
Spain	7,985	31,762	1,404,839
France	3,950	14,540	643,109
Taiwan (Republic Of China)	13,209	44,723	1,978,080
Canada	3,396	12,981	574,152
China, People'S Republic Of	26,261	79,486	3,515,659
Belgium	2,982	18,468	816,838
Indonesia	932	7,121	314,980
Italy	7,046	27,491	1,215,932
Singapore	3,228	17,570	777,138
Thailand	3,688	19,992	884,266
Korea, Republic Of South	4,181	25,871	1,144,293
Denmark	1,507	12,108	535,556
United Arab Emirates	2,626	8,723	385,807
Papua New Guinea	2,775	3,949	174,673
Vietnam	3,812	9,277	410,325
			-
Total Major Countries	235,871	1,069,494	47,303,711
Other Countries	80,992	204,512	9,045,563
<b>Grand Total</b>	<b>316,863</b>	<b>1,274,006</b>	<b>56,349,274</b>

Commodity/Kind	Quantity (MT)	FOB Value	
		('000 \$)	('000 Pesos)
<b>3. Shrimps/Prawns</b>	<b>8,917</b>	<b>120,140</b>	<b>5,313,771</b>
<b>Frozen</b>	<b>7,895</b>	<b>62,891</b>	<b>2,781,691</b>
Japan	3,109	25,512	1,128,417
U S A	2,443	18,515	818,923
Korea, Rep of South	1,169	11,524	509,696
Hongkong	108	246	10,888
Canada	222	1,530	67,676
Taiwan	311	1,281	56,641
France	107	1,154	51,032
Others	427	3,130	138,419
<b>Fresh or chilled</b>	<b>516</b>	<b>3,953</b>	<b>174,832</b>
Taiwan	241	810	35,843
Guam	11	37	1,651
Korea, Republic Of South	1	7	287
Macao (Portuguese Asia)	17	55	2,448
United Arab Emirates	185	2,762	122,141
Others	62	282	12,461
<b>Shrimps And Prawn, Dried</b>	<b>20</b>	<b>138</b>	<b>6,094</b>
Japan (Excludes Okinawa)	9	98	4,334
Canada	3	13	594
Australia	7	22	974
Others	1	4	192
<b>Breeder</b>	<b>43</b>	<b>428</b>	<b>18,915</b>
Japan (Excludes Okinawa)	1	10	458
U S A	42	416	18,386
<b>Prepared and Preserved</b>	<b>443</b>	<b>52,730</b>	<b>2,332,239</b>
Indonesia (Includes West Irian)	3	984	43,531
U S A	173	356	15,751
Netherlands	19	54	2,375
Others	248	51,336	2,270,582
<b>Total (3) major commodities</b>	<b>169,295</b>	<b>827,586</b>	<b>36,604,135</b>
<b>Total other commodities</b>	<b>147,568</b>	<b>446,420</b>	<b>19,745,139</b>
<b>Grand Total</b>	<b>316,863</b>	<b>1,274,006</b>	<b>56,349,274</b>

## Total Fish Production, By Sector, 2014

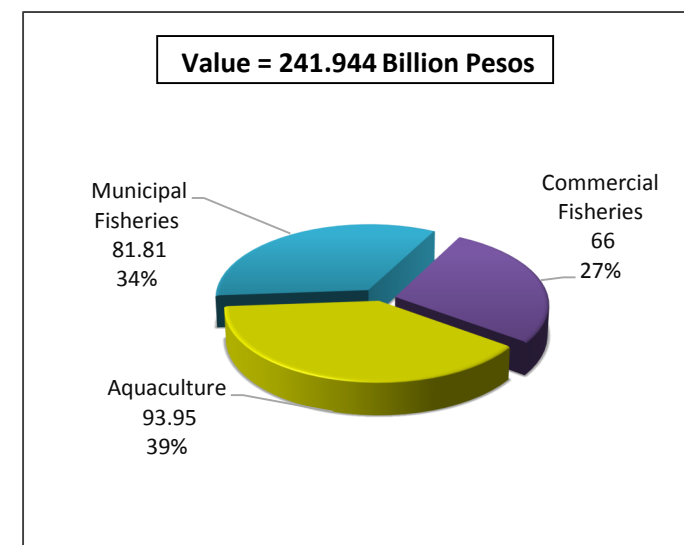
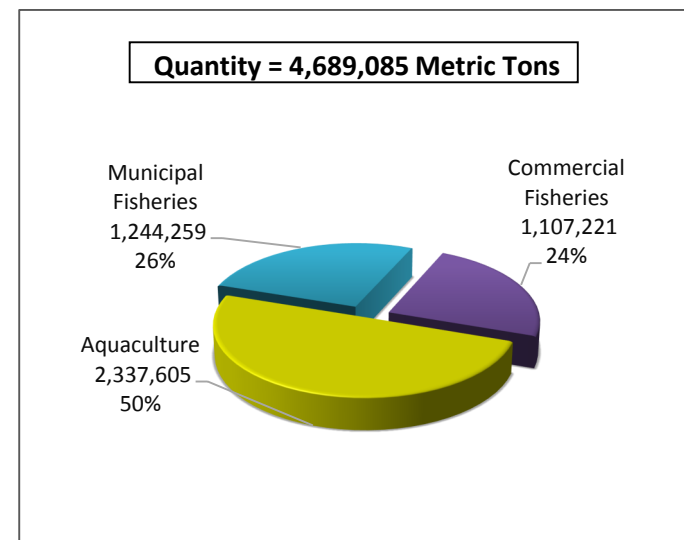


Figure 2

**F. Fish Production, by Sector and Region, 2014**  
(in MT)

Region	Commercial	Municipal	Aquaculture	Total	% share to total
NCR	118,691.21	6,529.23	2,537.02	127,757.46	2.7
CAR	-	1,157.11	2,819.61	3,976.72	0.1
I	2,962.47	34,346.31	136,887.64	174,196.42	3.7
II	11,935.73	34,005.32	14,206.94	60,147.99	1.3
III	6,817.53	40,466.33	230,762.89	278,046.75	5.9
IV-A	68,380.52	145,475.32	177,608.94	391,464.78	8.3
IV-B	44,615.99	150,732.95	366,708.41	562,057.35	12.0
V	70,093.29	145,623.06	79,237.81	294,954.16	6.3
VI	87,505.68	145,436.89	178,902.91	411,845.48	8.8
VII	32,090.31	48,832.20	112,983.71	193,906.22	4.1
VIII	30,240.96	76,486.25	30,791.36	137,518.57	2.9
IX	229,052.71	122,408.03	222,903.70	574,364.44	12.2
X	36,965.94	43,613.83	77,632.95	158,212.72	3.4
XI	10,400.43	16,157.27	27,820.27	54,377.97	1.2
XII	255,443.36	46,999.32	21,744.90	324,187.58	6.9
CARAGA	4,873.73	59,660.57	20,578.53	85,112.83	1.8
ARMM	97,150.94	126,328.96	633,477.37	856,957.27	18.3
<b>Total</b>	<b>1,107,220.80</b>	<b>1,244,258.95</b>	<b>2,337,604.96</b>	<b>4,689,084.72</b>	<b>100.00</b>

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

Commodity/Kind	Quantity (MT)	FOB Value	
		('000 \$)	('000 Pesos)
<b>2. Seaweeds</b>	<b>42,469</b>	<b>264,356</b>	<b>11,692,482</b>
<b>Seaweeds and Other Algae, Fresh, Chilled or Dried</b>	<b>16,587</b>	<b>51,598</b>	<b>2,282,189</b>
China, People'S Republic Of	6,573	15,633	691,431
France	1,185	805	35,620
USA	5,015	9,551	422,462
Spain	1,732	11,424	505,293
Hongkong	34	19	840
Others	2,048	14,166	626,543
<b>Other Seaweeds, Frozen</b>	<b>1,365</b>	<b>2,152</b>	<b>95,172</b>
USA	167	435	19,259
China, People'S Republic Of	641	214	9,465
France	181	266	11,750
Korea, Republic Of South	75	301	13,292
Others	301	936	41,406
<b>Carrageenan (Semi-Refined &amp; Refined, I)</b>	<b>24,516</b>	<b>210,598</b>	<b>9,314,754</b>
USA	6,835	53,164	2,351,430
Uk Great Britain And N. Ireland	772	5,409	239,227
Belgium	1,459	12,420	549,359
Germany	1,279	11,473	507,466
France	1,203	9,352	413,654
Thailand	1,149	12,528	554,116
Mexico	1,545	10,932	483,529
Australia	895	7,175	317,339
Brazil	612	4,429	195,900
China, People'S Republic Of	447	3,564	157,638
Others	8,320	80,151	3,545,097
<b>Agar-agar</b>	<b>1</b>	<b>8</b>	<b>367</b>
United Arab Emirates, N.E.S.	0.7	1	46
Others	0.5	7	321

### 3. Major Destination of Top Three Fishery Exports by Kind, Quantity and Value, 2014

Commodity/Kind	Quantity (MT)	FOB Value	
		('000 \$)	('000 Pesos)
<b>1. Tuna</b>	<b>117,909</b>	<b>443,090</b>	<b>19,597,882</b>
<b>Fresh/chilled/frozen</b>	<b>24,602</b>	<b>132,894</b>	5,877,896
Japan	3,264	65,708	2,906,267
U S A	1,508	8,030	355,157
Italy	4,370	12,311	544,499
Thailand	583	1,067	47,177
Hongkong	337	2,130	94,189
France	1,211	2,875	127,165
Taiwan	513	1,552	68,653
Uk Great Britain And N. Ireland	98	307	13,579
Spain	5,329	13,523	598,101
Vietnam	248	573	25,360
Others	7,141	24,819	1,097,749
<b>Prepared/Preserved</b>	<b>93,307</b>	<b>310,196</b>	<b>13,719,986</b>
U S A	24,951	80,379	3,555,171
Canada	981	3,395	150,165
Japan	7,457	45,376	2,006,973
Italy	1,158	6,507	287,818
Germany	19,346	64,202	2,839,648
Taiwan	1,560	2,983	131,943
United Kingdom	15,803	48,245	2,133,893
Netherlands	4,508	14,523	642,346
Malaysia	323	1,104	48,849
Others	17,222	43,481	1,923,179

### F.a. Value of Fish Production, by Sector and Region, 2014 (in '000 P)

Region	Commercial	Municipal	Aquaculture	Total	% share to total
NCR	4,967,943.97	598,902.13	132,462.90	5,699,309.00	2.4
CAR	.	115,539.44	277,649.01	393,188.45	0.2
I	259,627.81	2,931,429.93	14,068,945.10	17,260,002.84	7.1
II	891,034.91	2,669,483.95	1,403,583.47	4,964,102.33	2.1
III	361,779.30	3,312,074.65	27,232,030.90	30,905,884.85	12.8
IV-A	5,604,359.71	5,953,866.02	10,039,752.58	21,597,978.31	8.9
IV-B	2,098,908.96	8,317,551.67	3,649,028.32	14,065,488.95	5.8
V	3,743,517.34	9,320,025.58	2,788,406.90	15,851,949.82	6.6
VI	7,605,446.13	11,583,354.80	9,279,823.66	28,468,624.59	11.8
VII	2,094,074.03	3,813,969.17	1,325,485.13	7,233,528.33	3.0
VIII	2,267,628.71	6,244,208.12	1,127,425.92	9,639,262.75	4.0
IX	9,331,831.22	6,606,231.43	4,109,740.06	20,047,802.71	8.3
X	2,263,640.53	3,363,298.46	8,662,482.69	14,289,421.68	5.9
XI	1,099,316.52	1,430,030.82	2,030,879.48	4,560,226.82	1.9
XII	19,791,511.18	3,306,911.03	1,926,175.12	25,024,597.33	10.3
CARAGA	359,969.68	4,826,137.45	719,866.81	5,905,973.94	2.4
ARMM	3,449,218.47	7,412,016.62	5,175,271.93	16,036,507.02	6.6
<b>Total</b>	<b>66,189,808.47</b>	<b>81,805,031.27</b>	<b>93,949,009.98</b>	<b>241,943,849.72</b>	<b>100.00</b>

## G. Fish Production, by Sector 2005-2014

### 1. Volume of Fish Production (in MT)

Year	Aquaculture	Municipal	Commercial	Total
2014	2,337,605.0	1,244,259.0	1,107,220.8	4,689,084.7
2013	2,373,386.5	1,264,416.5	1,067,610.3	4,705,413.3
2012	2,541,965.4	1,280,849.0	1,042,317.9	4,865,132.3
2011	2,608,119.8	1,332,647.8	1,032,820.1	4,973,587.8
2010	2,545,967.1	1,371,389.8	1,242,101.8	5,159,458.7
2009	2,477,392.0	1,348,644.0	1,253,941.0	5,079,977.0
2008	2,407,697.9	1,332,986.4	1,226,204.9	4,966,889.2
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

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

Year	Aquaculture	Municipal	Commercial	Total
2014	93,949,010.0	81,805,031.3	66,189,808.5	241,943,849.7
2013	93,731,169.9	80,897,993.1	69,922,512.0	244,551,675.1
2012	92,289,924.7	79,527,365.5	65,894,183.8	237,711,474.0
2011	85,996,428.0	80,075,629.8	58,623,021.0	224,695,078.9
2010	82,857,454.5	77,736,463.7	60,456,931.3	221,050,849.5
2009	81,493,357.5	75,383,741.5	58,704,969.4	215,582,068.3
2008	81,669,480.6	70,973,918.9	63,170,103.2	215,813,502.7
2007	61,597,274.2	64,210,385.6	54,737,468.3	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

## 2. Major Fishery Exports in Terms of Value, 2014

Commodity/Kind	Quantity MT	FOB Value	
		('000 \$)	('000 Pesos)
<b>1. Tuna</b>	<b>117,909</b>	<b>443,090</b>	<b>19,597,882</b>
Fresh/chilled/frozen (excludes fillet)	24,602	132,894	5,877,896
Smoked	-	-	-
Prepared/preserved	93,307	310,196	13,719,986
<b>2. Seaweeds</b>	<b>42,469</b>	<b>264,253</b>	<b>11,687,900</b>
Seaweeds, Fresh, Chilled/Frozen or Dried	15,633	51,598	2,282,189
Seaweeds for human consumption	2,319	1,270	56,167
Carrageenan	24,517	211,385	9,349,544
<b>3. Shrimps/Prawns</b>	<b>8,917</b>	<b>120,141</b>	<b>5,313,847</b>
Fresh/ chilled or frozen, dried, nes	8,431	66,984	2,962,693
Breeder	43	428	18,915
Prepared and preserved	443	52,730	2,332,239
<b>4. Crabs/crabs fat &amp; crab meat</b>	<b>11,914</b>	<b>132,967</b>	<b>5,881,136</b>
Live, Frozen/Fresh or Chilled	8,217	63,469	2,807,225
Crab fat (Prepared/presrd)	451	4,726	209,009
Oth than crab fat (Prepared/presrd)	3,246	64,773	2,864,902
<b>5. Octopus</b>	<b>4,132</b>	<b>25,415</b>	<b>1,124,110</b>
Dried, salted or in brine	-	-	-
Frozen	4,132	25,415	1,124,110
<b>6. Grouper</b>	<b>13,441</b>	<b>46,380</b>	<b>2,051,377</b>
For breeding, live	-	-	-
Breeder	13,441	46,380	2,051,377
Other than for breeding	-	-	-
<b>7. Squid and Cuttlefish</b>	<b>9,085</b>	<b>18,984</b>	<b>842,811</b>
Dried, salted or in brine	341	242	10,734
Fresh/chilled/frozen	4,472	17,082	758,371
Prepared/preserved	4,272	1,660	73,706
<b>8. Ornamental Fish, Live</b>	<b>5,988</b>	<b>6,013</b>	<b>266,928</b>
<b>9. Roundscad</b>	<b>191</b>	<b>297</b>	<b>13,205</b>
Frozen	169	215	9,528
Smoked	22	81	3,599
Dried	0.3	1.75	78
<b>10. Sea Cucumber</b>	<b>171</b>	<b>2,637</b>	<b>116,666</b>
Fresh or chilled	16	58	2,579
Dried, salted or in brine	155	2,579	114,087
<b>Total major commodities</b>	<b>214,218</b>	<b>1,060,178</b>	<b>46,895,862</b>
<b>Total of other commodities</b>	<b>102,645</b>	<b>213,828</b>	<b>9,453,412</b>
<b>Grand Total</b>	<b>316,863</b>	<b>1,274,006</b>	<b>56,349,274</b>

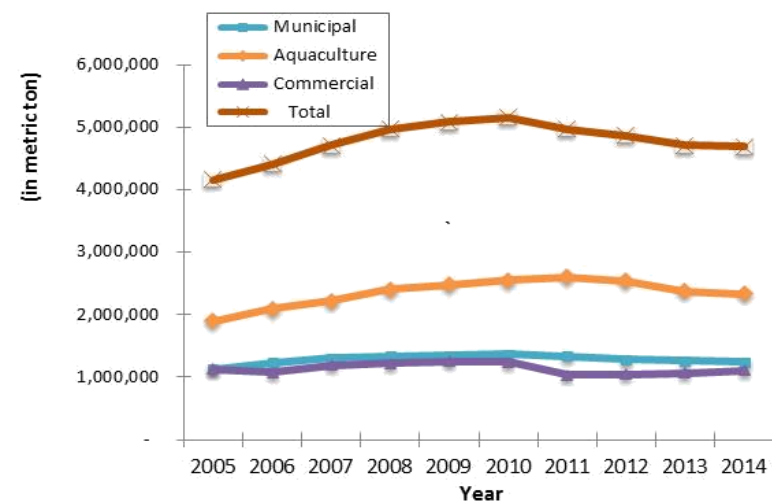
a/ - volume less than 1 metric ton

## A. EXPORTS <sup>5/</sup>

### 1. Export of Fish and Fishery Products by Kind, Quantity and Value, 2014

Commodity/Kind	Quantity MT	FOB Value	
		('000 \$)	('000 Pesos)
A. Fish, Crustaceans, Molluscs, etc. and Preparation	263,236	997,824	44,133,761
A.1 Fish, fresh (live/dead), Chilled/Frozen	81,996	344,408	15,233,179
A.2 Fish, dried, salted/in brine; smoked fish	4,073	18,750	829,328
A.3 Crustaceans, molluscs and aquatic invertebrates	32,927	220,665	9,759,999
A.4 Fish and other aquatic invertebrate, prepared/ preserved	144,241	414,001	18,311,255
3. Shells and by-products	7,388	7,013	310,165
C. Miscellaneous fishery products and other by-product	46,239	269,169	11,905,347
<b>Grand Total</b>	<b>316,863</b>	<b>1,274,006</b>	<b>56,349,273</b>

### Volume of Fish Production, By Sector 2005-2014



### Value of Fish Production, By Sector 2005-2014

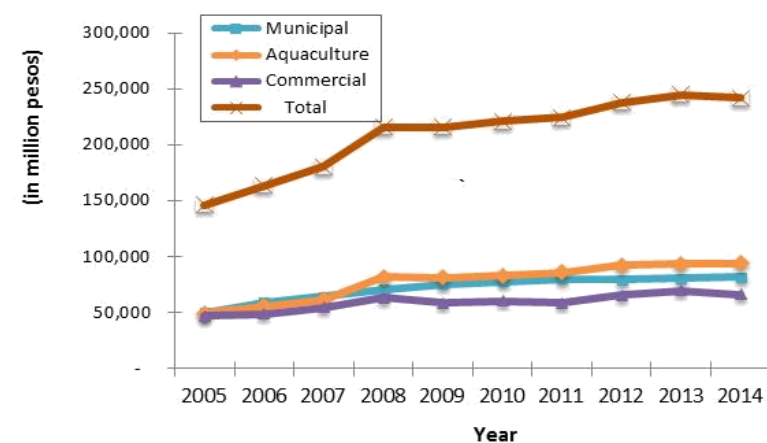


Figure 3

### H. Five Year Fish Production, Trend 2010-2014

Year	Quantity (MT)	% Increase/ (Decrease)	Value ('000 P)	% Increase/ (Decrease)
2014	4,689,085	(0.3)	241,943,850	(1.1)
2013	4,705,413	(3.3)	244,551,675	2.9
2012	4,865,132	(2.2)	237,711,474	5.8
2011	4,973,588	(3.6)	224,695,079	1.6
2010	5,159,459	1.6	221,050,850	2.5
2009	5,079,977	2.3	215,582,068	(0.1)

### Five Year Fish Production, Trend 2010-2014

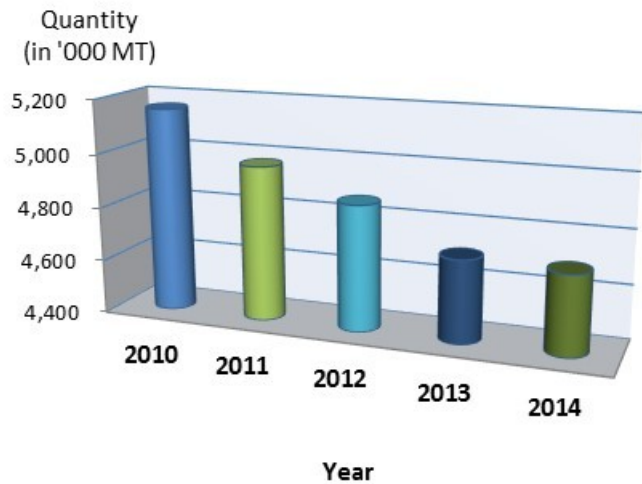


Figure 4

### External Trade





**NUMBER OF COMMERCIAL FISHING OPERATORS  
AND VESSELS, BY REGION, AS OF 2007 <sup>9/</sup>**

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
CARAGA	31	41
ARMM	10	18
<b>TOTAL</b>	<b>2,358</b>	<b>6,371</b>

***Aquaculture Production, 2014***

*This includes production from the following:*

- *Brackishwater fishpond*
- *Freshwater fishpond*
- *Fish pen and fish cage in fresh and marine waters*
- *Mariculture of oyster, mussel and seaweeds*



**A SUMMARY OF AQUACULTURE PRODUCTION BY CULTURE ENVIRONMENT AND REGION, 2014**  
(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	2,537	594	-	-	594	487	1,174	-	1,662	-	-	-	282	-	-	-
CAR	2,820	-	-	-	-	959	-	-	2,820	-	-	-	-	-	-	-
I	136,888	31,328	82	797	32,207	7,896	15	0	7,911	80,838	14,084	94,922	1,841	6	1	
II	14,207	4,003	126	-	4,129	8,617	264	-	8,880	-	-	-	1,112	85	-	
III	230,763	94,210	-	-	94,210	119,849	19	-	119,869	8,241	-	8,241	8,442	2	-	
IV-A	177,609	15,026	-	-	15,026	990	76,340	47,096	124,426	5	-	5	38,152	-	-	
IV-B	366,708	4,542	-	-	4,542	671	-	-	671	142	-	142	361,353	-	-	
V	79,238	9,381	-	-	9,381	1,840	7,840	-	9,680	29	-	29	60,148	-	-	
VI	178,903	79,107	7	39	79,154	1,522	-	-	1,522	254	120	375	97,851	1	1	
VII	112,984	6,151	1	-	6,152	120	7	0	127	784	4	788	105,915	2	0	
VIII	30,791	7,841	13	13	7,866	166	34	-	200	131	9	140	22,585	-	-	
IX	222,904	16,367	1	-	16,367	115	-	5	120	58	-	58	206,358	-	-	
X	77,633	33,102	-	-	33,102	1,008	-	-	1,008	2,737	-	2,737	40,785	2	-	
XI	27,820	4,455	39	-	4,493	2,736	8	0	2,744	14,198	30	14,228	6,347	8	-	
XII	21,745	8,457	-	-	8,457	1,004	1,459	8,015	10,478	2,625	-	2,625	144	41	-	
CARAG	20,579	2,602	711	7	3,320	146	54	1	201	666	7	673	16,384	-	-	
ARMM	633,481	3,667	-	3	3,667	201	256	6,352	6,809	7	2	9	622,996	-	-	
<b>TOTAL</b>	<b>2,337,609</b>	<b>320,832.9</b>	<b>979.9</b>	<b>855.6</b>	<b>322,668</b>	<b>148,740.6</b>	<b>87,742.2</b>	<b>62,643.3</b>	<b>299,126</b>	<b>110,716.1</b>	<b>14,256.4</b>	<b>124,972</b>	<b>1,590,693</b>	<b>146.5</b>	<b>2.2</b>	

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

**B. COMMERCIAL FISHERIES PRODUCTION, BY MAJOR FISH SPECIES, 2014**

Major Species	Total (MT)	% to Total
1. Roundscad (Galunggong)	197,090.10	17.8
2. Indian Sardines (Tamban)	190,390.23	17.2
3. Frigate Tuna (Tulingan)	74,973.64	6.8
4. Skipjack (Gulyasan)	194,583.43	17.6
5. Yellowfin Tuna (Tambakol/Bariles)	94,256.36	8.5
6. Big-eyed Scad (Matang-baka)	44,830.08	4.0
7. Fimbriated Sardines (Tunsoy)	53,285.29	4.8
8. Slipmouth (Sapsap)	14,793.38	1.3
9. Eastern Little Tuna (Bonito)	20,984.99	1.9
10. Indian Mackerel (Alumahan)	36,908.19	3.3
11. Indo-pacific Mackerel (Hasa-hasa)	12,813.91	1.2
12. Other Species	172,311.20	15.6
<b>Total</b>	<b>1,107,221</b>	<b>100.0</b>

**A. COMMERCIAL FISH PRODUCTION, BY REGION AND BY TYPE OF LANDING CENTERS, 2014 (in MT)**

Region	Total	Private	PFDA	LGU	Traditional
NCR	118,691.21		115,519.22	-	3,171.99
CAR	-				
I	2,962.47	-	931.38	-	2,031.09
II	11,935.73	-	-	-	11,935.73
III	6,817.53	2,702.97	-	98.73	4,015.83
IV-A	68,380.52	1,067.83	7,467.50	8,550.65	51,294.54
IV-B	44,615.99	-	-	-	44,615.99
V	70,093.29	9,371.00	-	20,547.31	40,174.98
VI	87,505.68	2,501.75	4,637.79	14,492.24	65,873.90
VII	32,090.31	4,225.44	-	3,350.40	24,514.47
VIII	30,240.96	360.41	-	75.92	29,804.63
IX	229,052.71	155,374.71	3,419.78	33,796.22	36,462.00
X	36,965.94	-	-	8,815.64	28,150.30
XI	10,400.43	1,819.61	3,456.66	3,435.26	1,688.90
XII	255,443.36	56,573.76	193,886.54	-	4,983.06
CARAGA	4,873.73	-	-	-	4,873.73
ARMM	97,150.94	-	-	-	97,150.94
<b>TOTAL</b>	<b>1,107,220.80</b>	<b>233,997.48</b>	<b>329,318.87</b>	<b>93,162.37</b>	<b>450,742.08</b>

**B. AQUACULTURE PRODUCTION BY CULTURE ENVIRONMENT, BY REGION AND SPECIES, 2014**

**1. Production from Brackishwater (in MT)**

**a) Fishpond**

Region	Total	Milkfish	Tiger Prawn	W. Shrimp & Endeavor Prawn	Tilapia	Mudcrab	Groupers	Siganid	Others
NCR	593.90	276.42	0.65	-	316.83	..	..	..	..
CAR	-	..	..	-	..	..	..	..	..
I	31,328.26	22,127.00	2,413.64	99.88	6,077.10	11.19	..	81.21	518.24
II	4,003.26	518.19	45.62	148.29	2,172.32	50.81	0.37	17.76	1,049.90
III	94,209.60	57,208.56	24,247.67	474.65	6,152.40	4,069.89	1.76	..	2,054.67
IV-A	15,026.17	13,992.91	57.94	610.63	0.07	26.98	11.12	..	326.52
IV-B	4,542.23	4,234.33	285.46	-	..	6.24	..	..	16.20
V	9,381.16	5,569.61	1,622.69	349.99	317.09	1,518.48	..	0.12	3.18
VI	79,107.35	73,913.52	1,877.38	186.36	945.06	1,814.46	1.22	..	369.35
VII	6,150.99	4,390.54	252.55	7.76	58.35	4.71	..	..	1,437.08
VIII	7,840.59	7,140.73	125.25	-	47.19	485.72	..	..	41.70
IX	16,366.86	10,247.71	3,971.37	737.27	1,172.85	235.26	..	..	2.40
X	33,101.57	12,667.87	12,207.07	68.64	372.59	7,739.39	0.39	..	45.62
XI	4,454.69	3,537.19	19.43	35.63	312.16	1.63	..	..	548.65
XII	8,457.00	7,146.03	1.65	0.06	373.77	0.46	..	..	935.03
CARAGA	2,601.86	1,456.80	451.22	113.37	6.99	109.76	..	..	463.72
ARMM	3,667.39	3,049.35	263.88	144.76	124.65	84.75	..	..	..
<b>TOTAL</b>	<b>320,832.88</b>	<b>227,476.76</b>	<b>47,843.47</b>	<b>2,977.29</b>	<b>18,449.42</b>	<b>16,159.73</b>	<b>14.86</b>	<b>99.09</b>	<b>7,812.26</b>

**b) Fish cage**

Region	Total	Milkfish	Tilapia	Grouper	Siganid	Others
NCR	-	..	..	..	..	..
CAR	-	..	..	..	..	..
I	82.17	14.02	48.21	2.34	16.69	0.91
II	126.23	21.51	75.72	1.97	26.03	1.00
III	-	..	..	..	..	..
IV-A	-	..	..	..	..	..
IV-B	-	..	..	..	..	..
V	-	..	..	..	..	..
VI	7.03	..	..	7.02	..	0.01
VII	0.85	0.84	0.01	..	..	..
VIII	12.83	12.83	..	..	..	..
IX	0.55	..	..	0.23	..	0.32
X	-	..	..	..	..	..
XI	38.74	38.74	..	..	..	..
XII	-	..	..	..	..	..
CARAGA	711.45	711.45	..	..	..	..
ARMM	-	..	..	..	..	..
<b>TOTAL</b>	<b>979.85</b>	<b>799.39</b>	<b>123.94</b>	<b>11.56</b>	<b>42.72</b>	<b>2.24</b>

a/- Volume less than .01 metric ton

**Commercial Fisheries Production, 2014**

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



**C. NUMBER OF MUNICIPAL FISHING BANCAS,  
BY REGION, 2000 <sup>8/</sup>**

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
<b>Total</b>	<b>469,807</b>	<b>177,627</b>	<b>292,180</b>
Percent			
%	100	38	62

**c) Fish pen**

Region	Total	Milkfish	Siganid	Grouper	Tilapia	Others
NCR	..	..	..	..	..	..
CAR	..	..	..	..	..	..
I	796.81	756.16	1.21	..	39.22	0.22
II	..	..	..	..	..	..
III	..	..	..	..	..	..
IV-A	..	..	..	..	..	..
IV-B	..	..	..	..	..	..
V	..	..	..	..	..	..
VI	39.20	38.97	..	..	..	0.23
VII	0.00	..	..	..	..	..
VIII	12.73	12.73	..	..	..	..
IX	..	..	..	..	..	..
X	..	..	..	..	..	..
XI	..	..	..	..	..	..
XII	..	..	..	..	..	..
CARAGA	6.82	6.8	..	..	0.02	..
ARMM	-	..	..	..	..	..
<b>TOTAL</b>	<b>855.56</b>	<b>814.66</b>	<b>1.21</b>	<b>0.00</b>	<b>39.24</b>	<b>0.45</b>

## 2. Production from Freshwater (in MT)

### a) Fishpond

Region	Total	Tilapia	Milkfish	Carp	Catfish	Mudfish	Gourami	Fresh- water Prawn	Others
NCR		..	..	..	..	..	..	..	..
CAR	1,856.03	1,853.31	..	0.34	0.94	..	..	..	1.44
I	8,511.39	8,431.32	3.02	16.17	15.24	41.09	4.28	a/	0.27
II	8,679.76	8,404.38	..	11.57	194.07	39.01	0.75	3.87	26.11
III	117,574.65	115,165.04	..	238.99	1,396.66	631.14	106.99	..	35.83
IV-A	1,056.90	921.84	..	0.15	129.27	1.34	..	1.52	2.78
IV-B	685.66	685.44	..	0.01	0.02	0.19	..	..	..
V	1,872.37	1,721.25	..	..	113.12	..	..	..	38.00
VI	2,035.61	1,032.88	..	..	1,000.61	0.14	..	0.16	1.82
VII	128.19	123.47	3.00	0.17	0.18	0.70	..	..	0.67
VIII	256.89	252.10	0.18	..	4.41	..	..	0.20	..
IX	120.05	66.71	..	1.54	6.06	45.74	..	..	..
X	1,053.12	893.20	..	94.00	18.41	47.38	0.12	..	0.01
XI	2,923.52	2,459.79	..	11.25	413.31	31.67	1.89	..	5.61
XII	1,024.44	625.98	..	1.11	327.01	62.25	0.64	..	7.45
CARAGA	145.13	142.23	0.23	0.99	0.08	1.60	..	..	-
ARMM	207.94	73.31	..	..	134.63	..	..	..	..
<b>TOTAL</b>	<b>148,131.65</b>	<b>142,852.24</b>	<b>6.43</b>	<b>376.30</b>	<b>3,754.02</b>	<b>902.26</b>	<b>114.66</b>	<b>5.75</b>	<b>119.99</b>

## B. MARINE MUNICIPAL FISH CATCH, BY MAJOR FISH SPECIES, 2014

Major Species	Total (MT)	% to Total
Frigate Tuna (Tulingan)	59,121.34	5.7
Big-eyed Scad (Matang-baka)	71,551.80	7.0
Roundskad (Galunggong)	63,507.51	6.2
Indian Sardines (Tamban)	65,706.26	6.4
Indian Mackerel (Alumahan)	41,330.27	4.0
Anchovies (Dilis)	47,694.82	4.6
Yellowfin tuna (Tambakol)	45,671.42	4.4
Squid (Pusit)	43,156.83	4.2
Fimbriated Sardines (Tunsoy)	39,984.54	3.9
Slipmouth (Sapsap)	35,819.76	3.5
Others	515,849.90	50.1
<b>Total</b>	<b>1,029,394.45</b>	<b>100.0</b>

**A. MUNICIPAL FISHERIES PRODUCTION, BY REGION, 2014  
(in MT)**

Region	Marine	Inland	Total
NCR	6,529.23	..	6,529.23
CAR	..	1,157.11	1,157.11
I	32,276.74	2,069.57	34,346.31
II	21,573.95	12,431.37	34,005.32
III	27,291.65	13,174.68	40,466.33
IV-A	39,921.63	105,553.69	145,475.32
IV-B	149,748.25	984.70	150,732.95
V	139,266.99	6,356.07	145,623.06
VI	137,894.81	7,542.08	145,436.89
VII	48,609.27	222.93	48,832.20
VIII	75,695.32	790.93	76,486.25
IX	121,507.05	900.98	122,408.03
X	39,496.80	4,117.03	43,613.83
XI	15,878.81	278.46	16,157.27
XII	21,766.71	25,232.61	46,999.32
CARAGA	55,157.50	4,503.07	59,660.57
ARMM	96,779.74	29,549.22	126,328.96
<b>TOTAL</b>	<b>1,029,394.45</b>	<b>214,864.50</b>	<b>1,244,258.95</b>

**b) Fish cage**

Region	Total	Tilapia	Milkfish	Carp	Catfish	Others
NCR	487.34	400.03	..	87.31	..	-
CAR	959.37	959.37	..	..	..	
I	14.85	14.48	..	..	0.37	
II	263.55	263.55	..	..	..	
III	19.48	19.48	..	..	..	
IV-A	76,339.72	64,536.53	10,331.90	1,471.29	..	
IV-B	-	..	..	..	..	
V	7,839.72	7,826.66	..	13.06	..	
VI	-	..	..	..	..	
VII	6.72	6.72	..	..	..	
VIII	34.16	34.16	..	..	..	
IX	-	..	..	..	..	
X	-	..	..	..	..	
XI	7.93	7.93	..	..	..	
XII	1,459.39	1,456.91	..	..	..	2.48
CARAGA	53.96	52.11	1.85	..	..	
ARMM	256.05	193.97	62.08	..	..	
<b>TOTAL</b>	<b>87,742.24</b>	<b>75,771.90</b>	<b>10,395.83</b>	<b>1,571.66</b>	<b>0.37</b>	<b>2.48</b>

### c) Fish pen

Region	Total	Tilapia	Milkfish	Carp	Catfish	Others
NCR	1,174.3	..	1,174.3	..	..	..
CAR	-	..	..	..	..	..
I	0.1	0.1	..	..	..	..
II	-	..	..	..	..	..
III	-	..	..	..	..	..
IV-A	47,095.7	12,348.5	19,958.5	14,788.7	..	..
IV-B	-	..	..	..	..	..
V	-	..	..	..	..	..
VI	-	..	..	..	..	..
VII	0.1	0.1	..	..	..	..
VIII	-	..	..	..	..	..
IX	5.1	1.2	..	..	..	3.9
X	-	..	..	..	..	..
XI	0.0	0.0	..	..	..	..
XII	8,014.7	3,940.9	4,073.9	..	..	..
CARAGA	1.2	1.2	..	..	..	..
ARMM	6,352.2	5,066.7	1,285.5	..	..	..
<b>TOTAL</b>	<b>62,643.3</b>	<b>21,358.5</b>	<b>26,492.2</b>	<b>14,788.7</b>	-	<b>3.9</b>

### d) Small-farm Reservoir

Region	Total	Tilapia	Milkfish	Carp	Catfish	Gourami	Mudfish	Shrimp		White Shrimps	Others
								(Ulang)			
I	5.77	4.55	-	0.04	0.98	0.05	0.15	-	-	..	..
II	84.95	72.25	-	5.85	3.10	-	3.00	-	-	0.75	..
III	2.17	2.17	..	..	..	..	..	-	-	..	..
VII	1.70	1.60	-	0.04	0.02	..	0.04	-	-	..	..
X	1.88	1.84	-	..	0.02	..	0.02	-	-	..	..
XI	7.74	0.38	-	..	0.58	..	..	-	-	6.78	..
XII	40.86	32.64	-	1.36	1.40	1.20	4.26	-	-	..	..
<b>TOTAL</b>	<b>146.47</b>	<b>116.83</b>	-	<b>7.29</b>	<b>6.10</b>	<b>1.25</b>	<b>7.47</b>	-	-	<b>7.53</b>	..

### e) Rice Fish

Region	Total	Tilapia	Carp	Catfish	Gourami	Mudfish	Others
I	1.15	1.15	-	-	-	-	-
III	-	-	-	-	-	-	-
VI	0.87	0.87	-	-	-	-	-
VII	0.15	0.15	-	-	-	-	-
VIII	-	-	-	-	-	-	-
XI	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>2.17</b>	<b>2.17</b>	-	-	-	-	-

## Municipal Fisheries Production, 2014

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





## E. AREA AND LOCATION OF MAJOR LAKES IN THE PHILIPPINES <sup>7/</sup>

Rank	Name of Lakes	Area (HA)	Location
1	Laguna de Bay	90,000	Laguna & Rizal
2	Lanao	34,700	Marawi City, Lanao del Sur
3	Taal	23,400	Batangas
4	Mainit	14,000	Agusan del Norte & Surigao del Norte
5	Naujan	11,000	Mindoro Oriental
6	Buluan	6,500	Sultan Kudarat & Maguindanao
7	Bato	3,800	Iriga City, Camarines Sur
8	Buhi	1,800	Iriga City, Camarines Sur
9	Dapao	1,000	Ganassi, Lanao del Sur
10	Sebu	964	South Cotabato
11	Wood	792	Pagadian City, Zamboanga del Sur
12	Manguao	643	Taytay, Palawan
13	Baao	600	Baao, Camarines Sur
14	Paoay	420	Ilocos Norte
15	Maughan	314	Gen. Santos City, South Cotabato
16	Danao	260	Camotes Island, Cebu
17	Pagusi	253	Santiago, Agusan del Norte
18	Pinamaloy	252	Maramag, Bukidnon
19	Balut	206	Parang, Maguindanao
20	Imelda/Danao	197	Ormoc City, Leyte
21	Bito	150	Tacloban City, Leyte
22	Nunungan	148	Ganassi, Lanao del Norte
23	Sampaloc	102	San Pablo City, Laguna

<sup>7/</sup>Only those with an area greater than 100 hectares are listed.

Source: *Directory of Philippine Wetlands, Volume II*  
Published by Asian Wetland Bureau Philippines Foundation Inc. (DENR Library)

### 3. Production from Marine Waters (in MT)

#### a) Fish cage

Region	Total	Milkfish	Grouper	Siganid	Snapper	Cavalla	Mud crab	Spiny lobster	Tiger Prawn	Tilapia	Others
NCR	-	..	..	..	-	-	-	-	-	-	..
CAR	-	..	..	..	-	-	-	-	-	-	..
I	80,837.72	80,824.94	0.05	1.62	-	-	-	-	-	-	11.11
II	-	..	..	..	-	-	-	-	-	-	..
III	8,240.51	8,238.46	..	..	-	-	-	-	-	-	2.05
IV-A	4.79	4.06	0.48	..	-	-	-	-	-	-	0.25
IV-B	142.39	82.85	0.08	0.06	-	-	-	-	-	-	59.40
V	28.80	0.06	16.69	..	-	-	-	0.01	-	-	12.04
VI	254.29	63.60	166.78	..	-	-	-	..	-	-	23.91
VII	784.34	775.04	..	2.18	-	-	-	..	-	-	7.12
VIII	131.21	128.68	2.53	..	-	-	-	..	-	-	..
IX	58.25	1.42	56.83	..	-	-	-	..	-	-	..
X	2,737.04	2,735.10	0.79	1.15	-	-	-	..	-	-	..
XI	14,198.10	14,134.67	0.42	58.16	-	-	-	0.02	-	-	4.83
XII	2,625.36	2,357.84	..	..	-	-	-	..	-	-	267.52
CARAGA	666.25	656.35	..	0.37	-	-	-	4.68	-	-	4.85
ARMM	7.03	..	..	..	-	-	-	..	-	-	3.52
<b>TOTAL</b>	<b>110,716.08</b>	<b>110,003.07</b>	<b>244.65</b>	<b>63.54</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4.71</b>	<b>-</b>	<b>-</b>	<b>396.60</b>

**b) Fish pen**

Region	Total	Milkfish	Grouper	Siganid	Snapper	Cavalla	Spiny Lobster	Mudcra	Tilapia	Others
NCR	-	..								..
CAR	-	..								..
I	14,084.09	14,084.09								..
II	-	..								..
III	-	..								..
IV-A	-	..								..
IV-B	-	..								..
V	-	..								..
VI	120.22	120.22								..
VII	3.80	3.34								0.46
VIII	9.23	9.23								..
IX	-	..								..
X	-	..								..
XI	30.22	27.60	0.06	0.12						2.44
XII	-	..								..
CARAGA	6.78	..		0.63			4.25			1.90
ARMM	2.07	..					0.50			1.57
<b>TOTAL</b>	<b>14,256.41</b>	<b>14,244.48</b>	<b>0.06</b>	<b>0.75</b>	-	-	<b>4.75</b>	-	-	<b>6.37</b>

**D. MAJOR SPECIES PRODUCED IN  
AQUACULTURE FISHERIES, 2014**

Species	Quantity (MT)	Percent (%)
Seaweeds	1,549,575.98	66.29
Milkfish	390,232.53	16.69
Tilapia	259,198.16	11.09
Shrimps/Prawns	50,820.76	2.17
Others	87,781.09	3.76
<b>Total</b>	<b>2,337,608.52</b>	<b>100.00</b>

### Seaweeds

Region	Total
NCR	..
CAR	..
I	34.97
II	527.18
III	2,368.53
IV-A	32,617.74
IV-B	361,352.59
V	59,863.75
VI	77,466.93
VII	104,943.47
VIII	17,925.84
IX	206,161.12
X	40,784.83
XI	6,005.49
XII	144.05
CARAGA	16,383.89
ARMM	622,995.60
<b>TOTAL</b>	<b>1,549,575.98</b>

### 4. Production from Mariculture (in MT)

Region	Total	Oyster	Mussels	Seaweeds
NCR	281.50	..	281.50	..
CAR	-	..	..	..
I	1,840.93	1,335.14	470.82	34.97
II	1,112.34	585.16	..	527.18
III	8,441.91	5,182.91	890.47	2,368.53
IV-A	38,152.22	1,489.59	4,044.89	32,617.74
IV-B	361,352.59	..	..	361,352.59
V	60,148.27	..	284.52	59,863.75
VI	97,850.54	12,252.79	8,130.82	77,466.93
VII	105,914.78	971.31	..	104,943.47
VIII	22,584.58	..	4,658.74	17,925.84
IX	206,357.82	196.70	..	206,161.12
X	40,784.83	..	..	40,784.83
XI	6,347.12	341.63	..	6,005.49
XII	144.05	..	..	144.05
CARAGA	16,383.89	..	..	16,383.89
ARMM	622,995.60	..	..	622,995.60
<b>TOTAL</b>	<b>1,590,692.97</b>	<b>22,355.23</b>	<b>18,761.76</b>	<b>1,549,575.98</b>

**C. AQUACULTURE PRODUCTION OF MAJOR COMMODITIES BY CULTURE ENVIRONMENT AND BY REGION, 2014**  
(In Metric Tons)

**Milkfish**

Region	Total	Brackishwater		Freshwater		Marine		Small Farm Reservoir	
		Fishpond	Fish cage	Fishpond	Fish cage	Fish cage	Fish pen		
NCR	1,450.69	276.42	..	..	..	..	..	-	
CAR	-	..	..	..	..	..	..	..	
I	117,809.17	22,127.00	14.02	756.16	2.96	..	..	..	
II	539.70	518.19	21.51	..	..	..	..	..	
III	65,447.02	57,208.56	..	..	..	..	..	..	
IV-A	44,287.41	13,992.91	..	..	..	..	..	..	
IV-B	4,317.18	4,234.33	..	..	..	..	..	..	
V	5,569.67	5,569.61	..	..	..	..	..	..	
VI	74,136.31	73,913.52	..	38.97	..	..	..	..	
VII	5,169.76	4,390.54	0.84	..	..	..	..	..	
VIII	7,304.20	7,140.73	12.83	12.73	..	..	..	..	
IX	10,249.13	10,247.71	..	..	..	..	..	..	
X	15,402.97	12,667.87	..	..	..	..	..	..	
XI	17,738.20	3,537.19	38.74	..	..	..	..	..	
XII	13,577.74	7,146.03	..	..	..	..	..	..	
CARAGA	2,836.46	1,456.80	711.45	6.80	3.21	1.85	..	..	
ARMM	4,396.92	3,049.35	..	..	..	62.08	1,285.49	..	
<b>TOTAL</b>	<b>390,232.53</b>	<b>227,476.76</b>	<b>799.39</b>	<b>814.66</b>	<b>6.17</b>	<b>10,395.83</b>	<b>26,492.17</b>	<b>110,003.07</b>	<b>14,244.48</b>

**Tilapia**

Region	Total	Brackishwater		Freshwater		Small-farm Reservoir		Rice Fish	Marine Fish pen	
		Fishpond	Fish cage	Fishpond	Fish cage	Fish pond	Fish pen			
NCR	716.86	316.83	..	..	400.03	..	..	..	-	
CAR	2,817.62	..	..	..	959.37	..	..	..	..	
I	14,007.55	6,077.10	48.21	39.22	7,822.78	14.48	0.06	1.15	..	
II	10,986.57	2,172.32	75.72	..	8,402.73	263.55	..	..	..	
III	123,268.52	6,152.40	..	..	117,094.47	19.48	..	..	..	
IV-A	77,676.22	0.07	..	..	791.16	64,536.53	12,348.46	..	..	
IV-B	671.01	..	..	..	671.01	..	..	..	..	
V	9,843.54	317.09	..	..	1,699.79	7,826.66	..	..	..	
VI	1,757.70	945.06	..	..	810.37	..	..	0.87	..	
VII	186.07	58.35	0.01	..	119.18	6.72	0.06	0.15	..	
VIII	247.39	47.19	..	..	166.04	34.16	..	..	..	
IX	1,238.25	1,172.85	..	..	64.24	..	1.16	..	..	
X	1,226.60	372.59	..	..	852.17	..	..	..	..	
XI	2,504.28	312.16	..	..	2,183.77	7.93	0.04	..	..	
XII	6,401.21	373.77	..	..	597.03	1,456.91	3,940.86	..	..	
CARAGA	198.92	6.99	..	0.02	138.58	52.11	1.22	..	..	
ARMM	5,449.85	124.65	..	..	64.55	193.97	5,066.68	..	..	
<b>TOTAL</b>	<b>259,198.16</b>	<b>18,449.42</b>	<b>123.94</b>	<b>39.24</b>	<b>143,336.12</b>	<b>75,771.90</b>	<b>21,358.54</b>	<b>116.83</b>	<b>2.17</b>	<b>-</b>