

# SELECTED STATISTICS ON AGRICULTURE



2005



Department of Agriculture  
**BUREAU OF AGRICULTURAL STATISTICS**  
Philippines

## **FOREWORD**

Towards the middle of each year, the Bureau of Agricultural Statistics (BAS) issues its annual publication "Selected Statistics on Agriculture." The 2005 edition which is the 16<sup>th</sup> in the series of selected macroeconomic and agriculture sector statistics and indicators. The main statistical products of the BAS are contained in the tables on crops subsector statistics, livestock and poultry subsector statistics, and fisheries subsector statistics, production costs and returns and prices. We have also incorporated the frequently-asked data on agricultural foreign trade.

For convenience in the comparison of data, the formats established in the previous issue are maintained.

In our quest for improving the BAS' information support service to agriculture and fishery sector, we will welcome comments or suggestions from our clients and stakeholders.

  
**ROMEO S. RECIDE**  
Director

## ACKNOWLEDGEMENT

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## TABLE OF CONTENTS

	Page/s
Foreword .....	i
Acknowledgement.....	ii
Table of Contents.....	iii
Explanatory Notes .....	iv
Overview of the Philippine Agricultural Economy.....	1
Selected Macroeconomic and Agriculture Sector Statistics.....	3
Crops Sub-sector Statistics.....	11
Livestock & Poultry Sub-sector Statistics .....	27
Fisheries Sub-sector Statistics .....	35
Production Costs and Returns.....	43
Price Statistics.....	49
Agricultural Foreign Trade Statistics.....	57

## EXPLANATORY NOTES

5. Unless otherwise indicated, year refers to calendar year.
6. As a rule, figures from source publications are copied to the extent possible. In some instances, however, figures were rounded-off or combined.
7. Figures may not add up to the totals due to rounding - off.
8. The following symbols and abbreviations are used in the tables:

---	Data not yet available
-	None
R	Revised
P	Preliminary
MT	Metric Ton
HA	Hectare
KG	Kilogram
GNP	Gross National Product
GVA	Gross Value Added
GDP	Gross Domestic Product
PDB	Private Development Bank
SMB	Savings and Mortgage Bank
SSLA	Stock Savings & Loan Assn.
BOP	Balance of Payments

## OVERVIEW OF THE PHILIPPINE AGRICULTURAL ECONOMY

**Economic Performance.** The Philippine economy continuously grew in the past three years. In 2004, the country's Gross National Product and Gross Domestic Product both recorded an increase of more than 6.00 percent which surpassed the previous years' growth levels. Agriculture and fisheries, which accounted for about 20 percent of the total GDP, improved by 4.76 percent. This output gain was attributed to the expansion of all the sub-sectors except livestock which declined by 0.41 percent.

**Population, Employment and Wages.** In 2004, the projected population was 82.66 million persons. Males slightly exceeded the females in numbers. Despite the increasing number of employed persons in agriculture which reached 11.38 million, the sector's percentage share in total employment declined to 36.00 percent in 2004. The agricultural wage rates, both in nominal and real terms, increased throughout the reference years. In the first half of 2004, the nominal wages received by palay and corn farmers were recorded at P186.50 and P173.90, respectively.

**International Trade.** The country enjoyed increasing export earnings from agriculture during the three-year period. On the average, it grew annually by 12.80 percent. In 2004, the value of agricultural exports increased to US\$ 2.51 billion. Coconut oil remained the country's top agricultural export. In terms of value, it comprised 22 to 23 percent of the total agricultural exports. Coconut oil showed significant contribution in terms of volume. In 2003, it accounted for 56.80 percent of coconut oil traded in the world market. Major markets for coconut oil are USA and the Netherlands.

The value of agricultural imports which fluctuated over the years, posting an annual growth of 5.42 percent. The total value of agricultural imports in 2004 was placed at US\$ 3.66 billion, up by 12.84 percent from its year ago level. Among the agricultural imports, milk & cream & products and wheat and meslin

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accounted for the biggest shares ranging from 22 to 25 percent over the reference years.

**Inputs and other Farm Support Systems.** The share of domestic production of fertilizer in total supply abruptly decreased to 7.2 percent in 2004 with the surge in the imported quantity of this input.

The support by the government to irrigation was minimal during the three-year period. In 2004, the proportion of the irrigated service area to total potential irrigable area remained at only 44.84 percent. It inched up at an annual average of 0.53 percent.

The share of agriculture in the total government expenditure has remained relatively low. In 2004, it accounted for only 2.93 percent of the national government budget. The highest share of 3.99 percent was recorded in 2003 when expenditures for agriculture reached the amount of P 32.9 billion.

Loans for agricultural purposes expanded to P156.25 billion in 2004, recording an annual growth of 13.41 percent. About 40 percent of these loans were allocated to food production. The ratio of agricultural production loan to output was estimated at around 21 percent. The agricultural loans comprised 2.2 percent of the total loans granted.

**Prices.** An increasing consumer price index for all items was exhibited during the period 2002 to 2004. Over these years, average prices paid by consumer for goods and services were 10 to 21 index points above the 2000 price levels.

Domestic prices of palay continuously increased during the reference period. Prices of corn fluctuated over the years. Gain in prices was notably higher at the farm level. In 2004, farm price of palay posted an 8.14 percent increase. Prices of white and yellow corn grain appreciated by 32.22 and 27.14 percent, respectively. Farm prices of hog grew by 34.15 percent in the same year. A decline in farm prices was noted for duck and goat.

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Selected  
Macroeconomic  
and Agriculture Sector  
Statistics

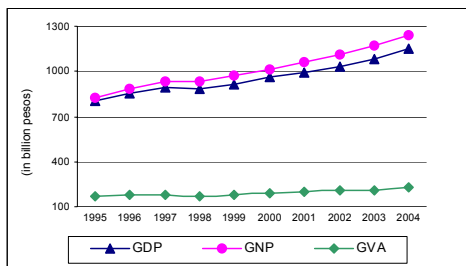
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**Table 1. ECONOMIC GROWTH INDICATORS, PHILIPPINES, 2002-2004**

ITEM	2002 R	2003 R	2004 P
<b>GNP</b> (Million Pesos) 1/	1,107,007	1,168,778	1,239,601
Growth Rate (%)	4.31	5.58	6.06
<b>GDP</b> (Million Pesos) 1/	1,032,969	1,081,497	1,148,003
Growth Rate (%)	4.34	4.70	6.15
<b>GVA IN AGRICULTURE EXCLUDING FORESTRY</b> (Million Pesos) 1/			
Growth Rate (%)	206,457	214,172	224,368
Agriculture Sector	3.94	3.74	4.76
Crops	2.39	2.95	4.60
Livestock	4.45	3.03	-0.41
Poultry	6.10	1.78	4.25
Fisheries	6.48	7.39	8.55
Agricultural Activities & Services	3.94	3.20	4.90

1/ At constant 1985 prices

**Fig 1. GROSS NATIONAL PRODUCT, GROSS DOMESTIC PRODUCT AND GROSS VALUE ADDED IN AGRICULTURE, PHILIPPINES, 1995-2004**

**Table 2. POPULATION, EMPLOYMENT AND WAGE RATE, PHILIPPINES, 2002-2004**

ITEM	2002	2003	2004
<b>POPULATION</b> <sup>2/</sup>	79.50	81.08	82.66
(Million Persons)			
Male	40.03	40.82	41.61
Female	39.47	40.26	41.05
<b>EMPLOYMENT</b> (Million Persons)			
Agriculture	11.12	11.22	11.38
Total	30.06	30.64	31.61
<b>WAGE RATE INDICES IN AGRICULTURE</b> <sup>3/</sup>			
(Without Meal)			
Nominal	169.90	175.70	186.50 <sup>a/</sup>
			173.90 <sup>b/</sup>
Real	102.00	102.30	105.30 <sup>a/</sup>
			98.20 <sup>b/</sup>

**Table 3. EXCHANGE RATE, INFLATION RATE AND PURCHASING POWER OF PESO, PHILIPPINES, 2002-2004**

ITEM	2002	2003	2004
<b>OFFICIAL EXCHANGE RATE</b> <sup>4/</sup>	51.60	54.20	56.04
<b>INFLATION RATE</b> <sup>5/</sup>	3.0	3.5	6.0
<b>PURCHASING POWER OF PESO</b> <sup>5/</sup>	0.91	0.88	0.83

<sup>2/</sup> Mid-year projections based on 1995 CPH.

<sup>3/</sup> Base year (1994) average agricultural wage per day = P80.55; 2004 indices covered only the first semester wage rates for palay (a) and corn (b).

<sup>4/</sup> Sourced from BSP.

<sup>5/</sup> Computed from CPI (base year = 2000); sourced from NSO.

**Table 4. EXPENDITURES ON AGRICULTURE, PHILIPPINES, 2002-2004**

ITEM	2002	2003 R	2004 P
<b>NATIONAL GOVERNMENT</b> (Million Pesos) 6/	742,022	825,113	861,629
<b>AGRICULTURE</b> (Million Pesos)	26,798	32,932	25,262
<b>AGRICULTURE TO NATIONAL GOVERNMENT RATIO (%)</b>	3.61	3.99	2.93

**Table 5. PRODUCTION AND IMPORT OF FERTILIZER (ALL GRADES), PHILIPPINES, 2002-2004**

ITEM	2002 R	2003 R	2004 P
<b>TOTAL SUPPLY</b> ('000 MT)	2,236.2	2,654.8	1,709.3
<b>Production</b>	1,329.5	1,059.3	123.2
Production to Total Supply Ratio (%)	59.5	39.9	7.2
<b>Import</b>	906.7	1,595.5	1,586.1
Import to Total Supply Ratio (%)	40.5	60.1	92.8

**Table 6. IRRIGATION SERVICE AREA, PHILIPPINES, 2002-2004**

ITEM	2002	2003	2004
<b>SERVICE AREA</b> (Million Has.) 7/	1.39	1.40	1.40
<b>SERVICE AREA TO TOTAL POTENTIAL IRRIGABLE AREA RATIO (%)</b>	44.37	44.66	44.84

6/ Sourced from DBM.

7/ Irrigation service area refers to area that is presently provided with irrigation and drainage facilities and where irrigation and drainage services could readily be rendered.

**Table 7. NUMBER AND AREA OF FARMS  
PHILIPPINES, 1991-2004**

REGION	NUMBER 8/ ( <sup>'000</sup> Farms)		AREA 8/ ( <sup>'000</sup> Has.)	
	1991	2002	1991	2002
<b>PHILIPPINES</b>	<b>4,610.0</b>	<b>4,822.7</b>	<b>9,974.9</b>	<b>9,670.8</b>
NCR	15.1	22.8	53.6	71.6
CAR	108.3	120.1	155.6	177.8
ILOCOS	311.8	276.8	324.5	270.7
CAGAYAN VALLEY	285.7	321.8	530.1	540.8
CENTRAL LUZON	350.8	341.5	632.5	552.1
CALABARZON	319.9	282.7	703.3	588.5
MIMAROPA	209.2	221.0	569.8	542.2
BICOL	377.8	384.8	936.2	892.0
WESTERN VISAYAS	411.6	429.5	754.4	666.9
CENTRAL VISAYAS	424.8	430.0	549.9	522.4
EASTERN VISAYAS	321.5	330.8	695.7	723.0
ZAMBOANGA PENINSULA	235.7	252.7	675.7	785.3
NORTHERN MINDANAO	289.5	319.2	768.3	746.9
DAVAO REGION	267.2	300.0	795.9	758.3
SOCCKSARGEN	264.1	330.6	746.7	775.3
CARAGA	189.6	210.2	517.4	523.4
ARMM	227.6	248.5	565.2	533.4

8/ Sourced from NSO.

**Table 8. AGRICULTURAL PRODUCTION LOANS,  
PHILIPPINES, 2002-2004**

ITEM	2002 R	2003 R	2004 P
<b>LOANS GRANTED BY COMMODITY</b> <sup>9/</sup>			
(Million Pesos)			
<b>FOOD ITEMS</b>	49,879.1	54,392.9	61,994.0
Cereals	16,661.8	18,734.6	22,017.7
Rice	14,139.2	14,536.5	15,717.2
Corn	1,491.7	964.6	1,096.7
Sorghum	39.0	39.7	129.9
Soybeans & Feedgrains	991.9	3,193.8	5,073.8
Fruits, Vegetables & Rootcrops	5,403.0	6,041.9	6,776.7
Livestock and Poultry	21,461.9	24,676.8	29,001.9
Fisheries	6,352.4	4,939.6	4,197.8
<b>EXPORT &amp; COMMERCIAL</b>			
<b>CROPS</b>	18,228.8	17,424.6	17,191.4
Abaca & Other Fibers	408.6	378.1	399.7
Coconut	4,435.1	5,172.8	6,092.2
Coffee and Cacao	832.0	837.4	932.0
Cotton	56.3	77.9	107.9
Rubber	20.1	16.5	13.6
Sugarcane	12,406.9	10,892.8	9,580.0
Tobacco	69.8	49.1	66.0
<b>FORESTRY</b>	8,947.5	12,075.8	15,814.2
<b>OTHERS</b>	19,159.8	23,546.2	27,110.5
<b>SUB-TOTAL</b>	96,215.3	107,439.4	122,110.2
<b>OTHER SOURCES OF LOANS</b>			
SSLA	8,881.1	9,557.4	11,119.5
SMB	6,782.6	8,178.4	9,551.4
PDB	9,621.2	11,265.5	13,471.7
<b>GRAND TOTAL</b>	121,500.2	136,440.7	156,252.8

**Table 8. AGRICULTURAL PRODUCTION LOANS, PHILIPPINES,  
2002-2004 (con't.)**

ITEM	2002 R	2003 R	2004 P
<b>AGRICULTURAL PRODUCTION LOAN TO OUTPUT (GVA) RATIO (%)</b>			
	20.3	21.4	21.1
<b>TOTAL LOANS</b> (Million Pesos, at Current Prices)			
	14,328,975.7	15,481,637.7	16,789,424.5
<b>AGRICULTURAL LOANS TO TOTAL LOANS GRANTED RATIO (%)</b>			
	2.3	2.2	2.2

9/ Sourced from ACPC.

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Crops Sub-Sector  
Statistics

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**Table 9. AGRICULTURAL CROP PRODUCTION, PHILIPPINES,  
2002-2004**

ITEM	2002	2003R	2004
<b>TOTAL CROPS</b> ('000 MT)	<b>67,751.5</b>	<b>71,311.9</b>	<b>75,150.7</b>
Palay	13,270.7	13,499.9	14,496.8
Corn	4,319.3	4,615.6	5,413.4
Coconut	14,068.5	14,294.2	14,366.2 R
Sugarcane	21,417.3	23,978.4	25,579.2 R
Banana	5,274.8	5,369.0	5,631.3 R
Pineapple	1,639.2	1,698.0	1759.8 R
Coffee	107.1	106.4	102.9 R
Mango	956.0	1,006.2	967.5
Tobacco	50.2	52.9	48.3 R
Abaca	63.0	69.8	74.5 R
Peanut	26.2	26.1	27.1
Mongo	27.4	26.0	26.5
Cassava	1,625.7	1,622.2	1640.5 R
Camote	549.4	547.0	545.1 R
Tomato	149.3	150.1	172.3 R
Garlic	16.3	15.5	15.0
Onion	96.4	93.8	86.7
Cabbage	91.4	92.0	92.8 R
Eggplant	179.7	177.0	182.7 R
Calamansi	181.0	180.9	179.0 R
Rubber	267.7	274.0	291.4
OTHERS	3,375.1 R	3417.1 R	3431.9 R



**Table 10. AGRICULTURAL CROP AREA,  
PHILIPPINES, 2002-2004**

ITEM	2002	2003R	2004
<b>TOTAL CROPS</b>	<b>11,827.2</b>	<b>11,930.0</b>	<b>12,231.0</b>
( <sup>000</sup> HA)			
Palay	4,046.3	4,006.4	4,126.6
Corn	2,395.5	2,409.8	2,527.1
Coconut	3,181.7	3,216.5	3,258.6
Sugarcane	359.9	383.9	388.6
Banana	398.0	408.0	414.5
Pineapple	45.0	47.7	48.2
Coffee	132.4	131.8	131.2
Mango	150.5	155.9	158.9
Tobacco	40.7	41.7	33.8
Abaca	121.9	121.5	127.5
Peanut	27.1	26.7	26.9
Mongo	36.5	35.6	36.3
Cassava	207.6	209.2	205.8
Camote	122.5	122.2	120.5
Tomato	16.7	16.8	17.7
Garlic	5.6	5.5	5.3
Onion	10.0	9.5	9.5
Cabbage	7.8	7.7	7.7
Eggplant	20.8	21.0	21.1
Calamansi	19.8	19.9	20.0
Rubber	81.3	80.5	80.7
<i>OTHERS</i>	399.7	452.0	464.4

**Table 11. VALUE OF CROP PRODUCTION, PHILIPPINES,  
2002-2004**

ITEM	2002	2003	2004
<b>AGRICULTURAL CROPS</b>	<b>313,115.7</b>	<b>330,677.7</b>	<b>383,715.4</b>
(In Million Pesos at Current Prices)			
Palay	116,516.4	117,989.0	136,994.6
Corn	28,499.1	32,558.2	47,196.1
Coconut	35,979.3	39,036.0	51,782.7 R
Sugarcane	23,522.2	23,411.5	21,615.3 R
Banana	28,565.9	30,069.2	35,477.5 R
Pineapple	9,648.4	10,517.7	8,862.4 R
Coffee	3,263.2	3,860.3	3,944.3 R
Mango	15,300.7	14,658.7	16,135.1
Tobacco	2,409.2	2,404.4	2,094.4 R
Abaca	1,047.4	1,384.6	1,915.0 R
Peanut	484.7	510.2	582.9
Mongo	571.9	541.3	563.4
Cassava	6,184.4	5,537.7	6,421.9 R
Camote	3,308.1	3,509.7	3,678.3 R
Tomato	1,026.5	1,799.9	1,581.7 R
Garlic	955.8	784.2	603.7
Onion	1,153.6	1,594.8	1,275.8
Cabbage	887.0	748.7	786.6 R
Eggplant	1,742.6	1,903.8	2,183.6 R
Calamansi	1,919.6	1,802.2	1,712.9 R
Rubber	3,023.4	4,738.7	6,906.3
<b>OTHERS</b>	<b>27,106.3 R</b>	<b>31,317.2 R</b>	<b>30,941.5 R</b>

**Table 12. REGIONAL DISTRIBUTION OF PRODUCTION OF PALAY, CORN, COCONUT, AND SUGARCANE, PHILIPPINES, 2004**

REGIONS	PALAY	CORN	COCONUT	SUGAR CANE
<b>PHILIPPINES</b> (000 MT)	<b>14,496.8</b>	<b>5,413.4</b>	<b>14,366.2</b>	<b>25,579.2</b>
<b>LUZON %</b>	<b>56.41</b>	<b>34.69</b>	<b>25.07</b>	<b>15.63</b>
CAR	2.45	1.96	0.01	0.002
ILOCOS	9.09	4.14	0.16	0.07
CAGAYAN VALLEY	13.05	22.14	0.40	1.30
CENTRAL LUZON	17.01	2.72	1.25	5.35
CALABARZON	2.77	0.98	10.55	7.49
MIMAROPA	5.52	1.25	4.37	-
BICOL	6.51	1.50	8.34	1.42
<b>VISAYAS %</b>	<b>19.91</b>	<b>7.06</b>	<b>18.08</b>	<b>65.35</b>
WESTERN VISAYAS	13.35	2.55	3.45	53.62
CENTRAL VISAYAS	1.58	3.40	2.50	9.56
EASTERN VISAYAS	4.98	1.11	12.13	2.18
<b>MINDANAO %</b>	<b>23.68</b>	<b>58.26</b>	<b>56.85</b>	<b>19.02</b>
ZAMBOANGA PENINSULA	3.77	3.69	8.95	0.003
NORTHERN MINDANAO	3.21	17.14	10.40	14.01
DAVAO	3.31	4.58	17.35	2.32
SOCCKSARGEN	7.57	18.94	5.46	2.39
CARAGA	2.43	1.76	6.65	0.0001
ARMM	3.39	12.15	8.04	0.29

**Table 12a. REGIONAL DISTRIBUTION OF PRODUCTION OF PINEAPPLE, BANANA, MANGO, AND COFFEE, PHILIPPINES, 2004**

REGIONS	PINE-APPLE	BANANA	MANGO	COFFEE
<b>PHILIPPINES</b> (‘000 MT)	<b>1,759.8</b>	<b>5,631.2</b>	<b>967.5</b>	<b>102.9</b>
<b>LUZON %</b>	<b>11.43</b>	<b>12.32</b>	<b>68.76</b>	<b>21.29</b>
CAR	0.04	0.42	0.37	5.47
ILOCOS	0.01	0.63	44.53	0.07
CAGAYAN VALLEY	1.29	3.75	4.73	1.51
CENTRAL LUZON	0.06	0.80	9.44	1.66
CALABARZON	4.64	2.52	8.66	11.98
MIMAROPA	0.01	2.97	0.86	0.20
BICOL	5.38	1.23	0.16	0.41
<b>VISAYAS %</b>	<b>1.31</b>	<b>11.74</b>	<b>11.72</b>	<b>7.07</b>
WESTERN VISAYAS	0.78	4.71	5.65	6.16
CENTRAL VISAYAS	0.18	2.93	6.03	0.70
EASTERN VISAYAS	0.35	4.10	0.04	0.21
<b>MINDANAO %</b>	<b>87.26</b>	<b>75.94</b>	<b>19.52</b>	<b>71.64</b>
ZAMBOANGA PENINSULA	0.19	3.18	4.72	1.32
NORTHERN MINDANAO	50.55	10.15	3.29	5.94
DAVAO	1.03	41.00	3.35	29.73
SOCCKSARGEN	35.18	11.22	5.33	20.23
CARAGA	0.23	3.64	1.42	4.19
ARMM	0.08	6.76	1.40	10.22

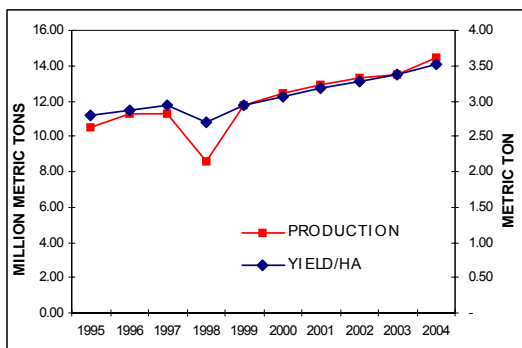
**Table 13. PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, PHILIPPINES, 2002-2004**

<b>ITEM</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
<b>PRODUCTION</b> (Million MT)			
<b>TOTAL</b>	<b>13.27</b>	<b>13.50</b>	<b>14.50</b>
Irrigated	9.95	10.25	10.94
Rainfed	3.32	3.25	3.55
<b>JANUARY-JUNE</b>	<b>5.67</b>	<b>5.38</b>	<b>6.04</b>
Irrigated	4.68	4.55	5.01
Rainfed	0.99	0.83	1.03
<b>JULY-DECEMBER</b>	<b>7.60</b>	<b>8.12</b>	<b>8.46</b>
Irrigated	5.27	5.70	5.93
Rainfed	2.33	2.42	2.53
<b>AREA</b> (MILLION HA)			
<b>TOTAL</b>	<b>4.05</b>	<b>4.01</b>	<b>4.13</b>
Irrigated	2.71	2.72	2.79
Rainfed	1.34	1.29	1.33
<b>JANUARY-JUNE</b>	<b>1.76</b>	<b>1.64</b>	<b>1.73</b>
Irrigated	1.29	1.24	1.29
Rainfed	0.47	0.40	0.44
<b>JULY-DECEMBER</b>	<b>2.29</b>	<b>2.37</b>	<b>2.40</b>
Irrigated	1.42	1.48	1.50
Rainfed	0.87	0.89	0.90
<b>YIELD</b> (MT PER HA) <sup>1/</sup>			
<b>TOTAL</b>	<b>3.28</b>	<b>3.37</b>	<b>3.51</b>
Irrigated	3.68	3.77	3.92
Rainfed	2.48	2.52	2.66

**Table 13. PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, PHILIPPINES, 2002-2004** (Cont.)

ITEM	2002	2003	2004
<b>JANUARY-JUNE</b>	<b>3.24</b>	<b>3.28</b>	<b>3.50</b>
Irrigated	3.64	3.66	3.89
Rainfed	2.12	2.10	2.34
<b>JULY-DECEMBER</b>	<b>3.31</b>	<b>3.43</b>	<b>3.52</b>
Irrigated	3.71	3.86	3.94
Rainfed	2.67	2.71	2.82

1/ Yield per hectare derived prior to rounding-off data on production and hectareage.

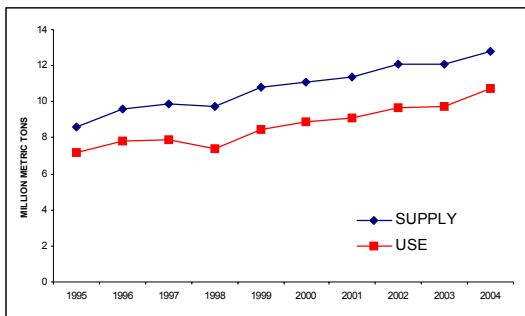
**Fig 2. PALAY: PRODUCTION AND YIELD PER HECTARE, PHILIPPINES, 1995-2004**

**Table 14. RICE: STOCK INVENTORY AND SUPPLY-USE ESTIMATES, PHILIPPINES, 2002-2004**

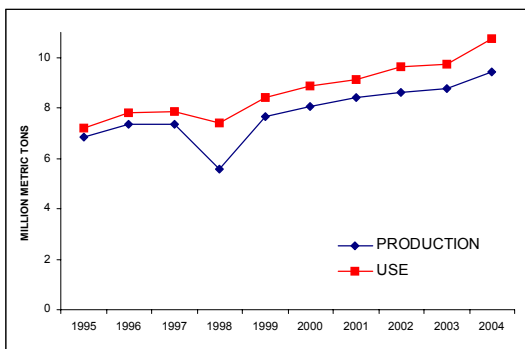
ITEM	2002	2003	2004
<b>STOCKS</b> ('000 MT)			
<b>TOTAL</b>			
January 1	2,270.7	2,448.1	2,362.1
July 1	1,534.7	1,806.1	1,641.2
<b>HOUSEHOLD</b>			
January 1	1,111.7	1,177.4	1,222.3
July 1	706.4	682.6	820.4
<b>COMMERCIAL</b>			
January 1	473.5	552.5	515.5
July 1	386.0	467.6	410.5
<b>NFA</b>			
January 1	685.5	718.2	624.3
July 1	442.3	655.9	410.3
<b>SUPPLY-USE</b> ('000 MT)			
Carryover Stock	2,271	2,448	2,362
Production	8,626	8,775	9,423
Imports 1/	1,196	886	997
<b>TOTAL USE</b>	<b>12,093</b>	<b>12,109</b>	<b>12,782</b>
Exports	-	-	-
Seeds	293	289	299
Feeds & Wastes	819	833	895
Apparent Consumption	8,533	8,625	9,529
<b>TOTAL DEMAND</b>	<b>9,645</b>	<b>9,747</b>	<b>10,723</b>

1/ NSO figures.

**Fig 3. RICE: SUPPLY AND USE ESTIMATES, PHILIPPINES, 1995-2004**



**Fig 4. RICE: PRODUCTION AND USE ESTIMATES, PHILIPPINES, 1995-2004**





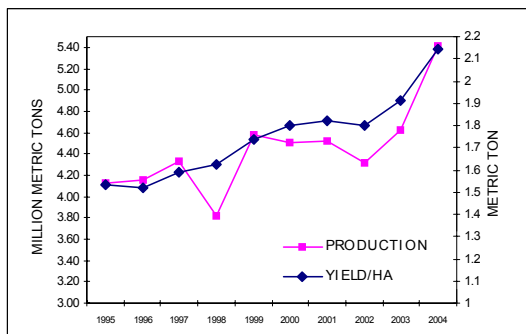
**Table 15. CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, PHILIPPINES, 2002-2004**

ITEM	2002	2003	2004
<b>PRODUCTION</b> (Million MT)			
<b>TOTAL</b>	<b>4.32</b>	<b>4.62</b>	<b>5.41</b>
White	1.80	2.05	2.23
Yellow	2.52	2.57	3.19
<b>JANUARY-JUNE</b>	<b>1.93</b>	<b>2.05</b>	<b>2.34</b>
White	0.65	0.72	0.85
Yellow	1.28	1.33	1.49
<b>JULY-DECEMBER</b>	<b>2.39</b>	<b>2.57</b>	<b>3.08</b>
White	1.15	1.33	1.38
Yellow	1.24	1.24	1.70
<b>AREA</b> (Million HA)			
<b>TOTAL</b>	<b>2.39</b>	<b>2.41</b>	<b>2.53</b>
White	1.50	1.56	1.56
Yellow	0.89	0.85	0.96
<b>JANUARY-JUNE</b>	<b>0.96</b>	<b>0.95</b>	<b>1.02</b>
White	0.52	0.53	0.58
Yellow	0.44	0.42	0.44
<b>JULY-DECEMBER</b>	<b>1.43</b>	<b>1.46</b>	<b>1.51</b>
White	0.98	1.03	0.98
Yellow	0.45	0.43	0.53
<b>YIELD</b> (MT Per Ha) <sup>1/</sup>			
<b>TOTAL</b>	<b>1.80</b>	<b>1.92</b>	<b>2.14</b>
White	1.20	1.31	1.43
Yellow	2.83	3.03	3.30

**Table 15. CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, PHILIPPINES, 2002-2004** (Cont.)

ITEM	2002	2003	2004
<b>JANUARY-JUNE</b>	<b>2.01</b>	<b>2.16</b>	<b>2.30</b>
White	1.24	1.36	1.47
Yellow	2.92	3.21	3.38
<b>JULY-DECEMBER</b>	<b>1.66</b>	<b>1.76</b>	<b>2.04</b>
White	1.17	1.29	1.40
Yellow	2.74	2.87	3.23

1/ Yield per hectare derived prior to rounding-off data on production and hectarage.

**Fig 5. CORN: PRODUCTION AND YIELD PER HECTARE, PHILIPPINES, 1995-2004**

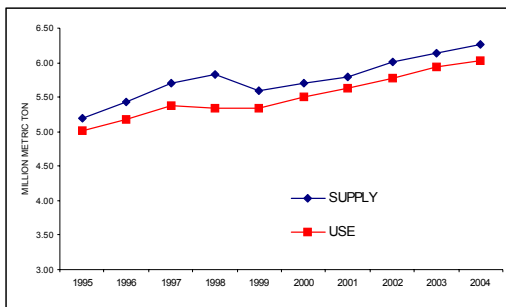
**Table 16. CORN: STOCK INVENTORY AND SUPPLY-USE ESTIMATES, PHILIPPINES, 2002-2004**

ITEM	2002	2003	2004
<b>STOCKS</b> ('000 MT)			
<b>TOTAL</b>			
January 1	177.4	236.0	211.4
July 1	134.2	167.6	190.8
<b>HOUSEHOLD</b>			
January 1	72.3	89.2	108.2
July 1	64.1	65.1	78.4
<b>COMMERCIAL</b>			
January 1	105.1	146.8	103.2
July 1	70.1	102.5	112.4
<b>NFA</b>			
January 1	-	-	-
July 1	-	-	-
<b>SUPPLY-USE</b> ('000 MT)			
Carryover Stock (Jan.1)	177	236	211
Production	4,319	4,615	5,413
Corn Imports 1/	278	99	20
Corn Substitutes 2/	1,242	1,196	584
<b>TOTAL USE</b>	<b>6,016</b>	<b>6,146</b>	<b>6,228</b>
Exports			
Food	965	989	944
Seeds	48	48	51
Feeds, Wastes and			
Other Uses	4,770	4,898	5,028
<b>TOTAL DEMAND</b>	<b>5,783</b>	<b>5,935</b>	<b>6,023</b>

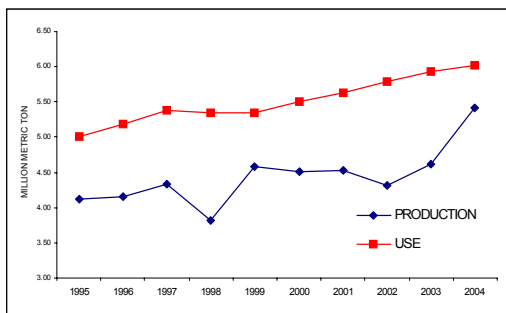
1/ NSO figures.

2/ Corn equivalent.

**Fig 6. CORN: SUPPLY AND USE ESTIMATES, PHILIPPINES, 1995-2004**



**Fig 7. CORN: PRODUCTION AND USE ESTIMATES, PHILIPPINES, 1995-2004**



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Livestock and Poultry  
Sub-Sector Statistics

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**Table 17. VOLUME OF LIVESTOCK AND POULTRY PRODUCTION, PHILIPPINES, 2002-2004**

ITEM	2002R	2003R	2004P
<b>VOLUME OF PRODUCTION</b> ('000 MT)			
<b>Livestock</b> (Liveweight)	<b>2,147.0</b>	<b>2,209.0</b>	<b>2,190.0</b>
Carabao	132.4	132.4	138.0
Cattle	261.1	258.5	256.0
Hog	1,667.8	1,733.1 R	1,709.4 R
Goat	74.8	73.8	75.0 R
Dairy	11.0	11.3	11.6
<b>Poultry</b> (Liveweight)	<b>1,227.9</b>	<b>1,242.7</b>	<b>1,285.0</b>
Chicken	1,173.7	1,188.8	1,231.8
Duck	54.1	53.9	53.2
<b>Egg</b>	<b>314.5</b>	<b>328.9</b>	<b>353.2</b>
Chicken	260.8	274.8 R	296.6
Duck	53.6	54.1	56.6

**Table 17a. VALUE OF LIVESTOCK AND POULTRY PRODUCTION, PHILIPPINES, 2002-2004**

ITEM	2002R	2003R	2004P
<b>VALUE OF PRODUCTION</b> (Million Pesos, at Current Price)			
<b>Livestock</b> (Liveweight)	<b>110,708.9</b>	<b>114,677.4</b>	<b>144,774.6</b>
Carabao	5,787.2	5,706.2	6,573.8
Cattle	13,909.8	13,896.0	15,118.4
Hog	86,576.1	90,363.8	117,804.7
Goat	4,182.6	4,441.9	4,986.8
Dairy	253.2	269.5	290.9
<b>Poultry</b> (Liveweight)	<b>88,823.7</b>	<b>96,686.2</b>	<b>115,989.7</b>
Chicken	66,721.7	73,507.7	89,106.5
Duck	3,015.5	3,140.4	2,816.7
<b>Egg</b>			
Chicken	16,641.0	17,571.7	21,116.6
Duck	2,445.6	2,466.4	2,949.9

**Table 18. LIVESTOCK AND POULTRY INVENTORY BY ANIMAL TYPE, AS OF JANUARY 1, PHILIPPINES, 2002-2004**

ITEM	2002	2003R	2004R	2005P
<b>LIVESTOCK</b> ('000 Head)				
<b>Carabao</b>	<b>3,122</b>	<b>3,180</b>	<b>3,270</b>	<b>3,327</b>
Dairy	12.6	13.1	13.1	13.1
<b>Cattle</b>	<b>2,548</b>	<b>2,557</b>	<b>2,593 R</b>	<b>2,548</b>
Dairy	8.2	8.3	8.5	10.0
<b>Hog</b>	<b>11,653</b>	<b>12,364</b>	<b>12,562</b>	<b>12,140</b>
<b>Goat</b>	<b>3,294</b>	<b>3,270</b>	<b>3,358 R</b>	<b>3,544</b>
Dairy	1.4	1.3	1.3	1.2
<b>POULTRY</b> ('000 Head)				
<b>Chicken 1/</b>	<b>126,831</b>	<b>110,510</b>	<b>122,010</b>	<b>136,001</b>
Broiler	33,342	38,154	31,527	40,380
Layer (Foreign Strain)	16,787	18,006 R	17,795	21,677
Native 2/	76,703	72,356	72,688	73,943
<b>Duck</b>	<b>9,911</b>	<b>9,807</b>	<b>10,211 R</b>	<b>10,439</b>

**Table 19. SLAUGHTERED/DRESSED IN ABATTOIR/ DRESSING PLANTS, PHILIPPINES, 2002-2004**

ITEM	2002	2003	2004P
<b>NUMBER OF HEAD</b>			
<b>SLAUGHTERED</b> ('000 Head)			
Carabao	353	353	371
Cattle	780	772	765
Hogs	19,749	20,523 R	20,398
Goats	1,917	1,893 R	1,922
<b>NUMBER OF BIRDS</b>			
<b>DRESSED</b> (Million Head)			
Chicken	562	569	589
Duck	11	11	11

**Table 20. ANIMALS SOLD IN SELECTED "OKSYON" MARKETS <sup>3/</sup>, PHILIPPINES, 2002-2004**

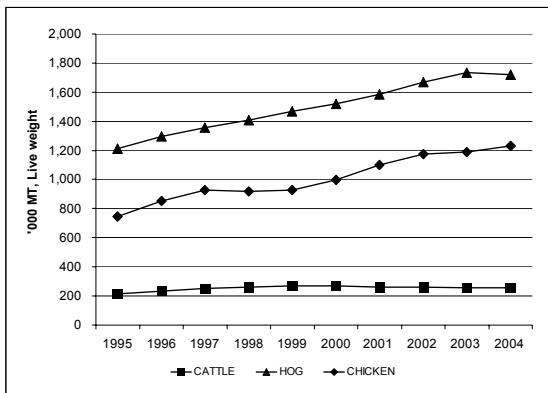
ITEM	2002	2003R	2004P
<b>TOTAL</b> ('000 Head)	<b>149.87</b>	<b>150.87</b>	<b>158.22</b>
Carabao	50.71	53.82 R	55.48
Cattle	99.16	97.05 R	102.74

1/ Revised based on Broiler Projection Model.

2/ Includes gamefowls.

3/ Data were generated from the Bureau's Livestock "Oksyon" Markets (LOM) monitoring activity based on the LGU records covering 31 LOMs in 16 provinces.

**Fig 8. LIVESTOCK: VOLUME OF PRODUCTION BY ANIMAL TYPE. PHILIPPINES. 1995-2004**





**Table 21. REGIONAL DISTRIBUTION OF PRODUCTION OF CARABAO, CATTLE, SWINE AND GOAT, PHILIPPINES, 2004**

REGION	CARABAO	CATTLE	SWINE	GOAT
<b>PHILIPPINES</b> (*000 MT)	<b>138.0</b>	<b>256.0</b>	<b>1,709.4</b>	<b>75.0</b>
<b>LUZON (%)</b>	<b>40.56</b>	<b>44.52</b>	<b>49.47</b>	<b>35.08</b>
CAR	3.45	2.54	2.37	1.26
ILOCOS	6.56	11.92	4.52	12.46
CAGAYAN VALLEY	10.06	6.01	5.66	3.45
CENTRAL LUZON	3.78	6.87	15.63	9.17
CALABARZON	3.64	7.70	12.50	3.05
MIMAROPA	5.85	4.13	3.22	3.00
BICOL	7.22	5.35	5.57	2.69
<b>VISAYAS (%)</b>	<b>22.12</b>	<b>23.36</b>	<b>22.37</b>	<b>25.46</b>
WESTERN VISAYAS	12.55	9.81	8.15	8.89
CENTRAL VISAYAS	3.84	12.14	7.64	13.72
EASTERN VISAYAS	5.73	1.41	6.58	2.85
<b>MINDANAO (%)</b>	<b>32.91</b>	<b>27.94</b>	<b>28.17</b>	<b>39.45</b>
ZAMBOANGA				
PENINSULA	7.21	6.38	5.48	5.76
NORTHERN				
MINDANAO	5.38	10.98	5.97	5.14
DAVAO	7.45	4.33	7.49	11.85
SOCCSKSARGEN	10.23	5.67	5.36	7.45
CARAGA	2.64	0.58	3.47	2.24
ARMM	4.40	4.19	0.40	7.01

**Table 22. REGIONAL DISTRIBUTION OF PRODUCTION OF CHICKEN, DUCK, CHICKEN EGGS AND DUCK EGGS, PHILIPPINES, 2004**

REGION	CHICKEN	DUCK	CHICKEN EGGS	DUCK EGGS
<b>PHILIPPINES</b> (‘000 MT)	<b>1,231.8</b>	<b>53.2</b>	<b>296.6</b>	<b>56.6</b>
<b>LUZON (%)</b>	<b>66.34</b>	<b>54.18</b>	<b>58.62</b>	<b>50.16</b>
CAR	0.61	1.86	0.94	1.73
ILOCOS	4.15	4.29	3.01	3.58
CAGAYAN VALLEY	4.34	11.46	3.31	11.34
CENTRAL LUZON	31.18	25.06	14.82	23.14
CALABARZON	23.03	7.03	27.58	7.45
MIMAROPA	0.60	0.91	1.46	0.49
BICOL	2.43	3.57	7.50	2.43
<b>VISAYAS (%)</b>	<b>14.87</b>	<b>13.86</b>	<b>20.47</b>	<b>18.71</b>
WESTERN VISAYAS	5.17	7.45	7.32	12.78
CENTRAL VISAYAS	6.59	1.94	11.03	2.30
EASTERN VISAYAS	3.11	4.47	2.12	3.63
<b>MINDANAO (%)</b>	<b>18.09</b>	<b>27.81</b>	<b>19.90</b>	<b>31.11</b>
ZAMBOANGA PENINSULA	2.28	2.59	2.67	2.87
NORTHERN MINDANAO	4.69	6.09	7.60	6.17
DAVAO	7.21	6.58	6.58	5.27
SOCCKSARGEN	2.67	9.99	2.14	8.92
CARAGA	1.24	2.56	0.91	2.47
ARMM	0.70	4.15	1.00	5.41

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Fisheries Sub-Sector  
Statistics

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**Table 23. TOTAL FISH PRODUCTION BY SUB-SECTOR,  
PHILIPPINES, 2002 - 2004**

SUB-SECTOR	2002	2003	2004
<b>QUANTITY ('000 MT)</b>			
<b>All Sectors</b>	<b>3,369.5</b>	<b>3,619.2</b>	<b>3,926.1</b>
<b>Commercial</b>	<b>1,042.2</b>	<b>1,109.6</b>	<b>1128.4 R</b>
<b>Municipal</b>	<b>988.9</b>	<b>1,055.1</b>	<b>1,080.7</b>
Marine	857.3	921.8	938.7
Inland	131.6	133.3	142.0
<b>Aquaculture</b>	<b>1,338.4</b>	<b>1,454.5</b>	<b>1,717.0 R</b>
Brackishwater Fishpond 1/	254.2	254.7	262.6
Freshwater Fishcage/pen	77.1	88.7	105.4
Freshwater Fishpond	70.2	72.0	75.5
Marine Fishcage/pen	17.8	22.2	37.8
Others	919.1	1,016.9	1,235.7
Oyster	12.6	14.5	15.9
Mussel	11.6	13.5	15.0
Seaweed	894.9	988.9	1,204.8

1/ Includes brackishwater pen/cage

**Table 23a. TOTAL VALUE OF FISH PRODUCTION BY  
SUB-SECTOR, PHILIPPINES, 2002 - 2004**

SUB-SECTOR	2002	2003	2004
<b>VALUE (Million Pesos)</b>			
<b>All Sectors</b>	<b>113,258.2</b>	<b>119,866.3</b>	<b>45,674.9</b>
<b>Commercial</b>	39,681.1	42,002.9	48349.3 R
<b>Municipal</b>	38,158.9	40,664.3	45,674.9
Marine	34,829.8	37,085.5	41,166.9
Inland	3,329.1	3,578.8	4,508.0
<b>Aquaculture</b>	35,418.2	37,199.1	44822.3 R

**Table 24. PRODUCTION BY SUB-SECTOR AND BY TOP SPECIES, PHILIPPINES, 2002 - 2004**

<b>SUB-SECTOR/TOP SPECIES</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
<b>All Marine Species</b> ('000 MT)	<b>1,899.5</b>	<b>2,031.4</b>	<b>2,067.1</b>
Roundscad	277.5	310.6	293.9
Indian sardines	176.4	170.1	193.6
Frigate tuna	163.1	179.1	208.1
Skipjack	110.0	138.3	143.1
Fimbriated sardines	60.3	65.2	70.0
Yellowfin and bigeye tuna	99.8	127.2	129.6
Anchovies	74.1	71.1	71.5
Bigeye scad	100.8	104.0	103.4
Slipmouth	65.8	69.8	68.8
Indian mackerel	70.3	77.1	75.4
Squid	50.6	53.1	56.2
Flying fish	34.6	37.6	33.6
Blue crabs	32.9	33.0	34.3
Threadfin breams	49.3	40.5	41.2
Indo-pacific mackerel	32.7	38.3	42.8
Eastern little tuna	34.7	38.7	44.9
Siganid	17.6	18.5	19.1
Snapper	13.6	11.8	12.8
Crevalle	39.3	40.7	36.4
Cavalla	14.8	15.4	15.8
Other species	381.3	391.3	372.6
<b>All Aqua Species</b> ('000 MT)	<b>1,338.4</b>	<b>1,454.5</b>	<b>1,717.0</b>
Seaweeds	894.9	988.9	1,204.8
Milkfish	232.2	246.5	273.5
Tilapia	122.4	136.0	145.9
Tiger prawn	35.5	35.0	35.9
Carp	18.2	8.9	13.8
Oyster	12.6	14.5	15.9
Mussel	11.6	13.5	15.0
Mudcrab	4.7	4.8	6.2
Catfish	2.6	2.2	1.9
Other species	3.7	4.2	4.1

**Table 24. PRODUCTION BY SUB-SECTOR AND BY TOP SPECIES, PHILIPPINES, 2002 - 2004 (Con't.)**

SUB-SECTOR/TOP SPECIES	2002	2003	2004
<b>All Inland Species</b> ('000 MT)	<b>131.1</b>	<b>133.3</b>	<b>142.0</b>
Snail ( <i>Suso</i> )	51.4	47.7	48.7
Tilapia	30.6	32.1	31.9
Carp ( <i>Carpa</i> )	9.1	9.0	10.5
Mudfish ( <i>Dalag</i> )	7.4	7.5	8.3
Freshwater goby ( <i>Biya</i> )	5.9	5.9	5.6
Freshwater catfish ( <i>Kanduli</i> )	4.4	4.5	3.6
Gourami	2.8	3.3	4.8
Freshwater shrimp ( <i>Hipon</i> )	4.4	4.6	4.8
Other fish species	12.7	14.3	15.6
Other crustaceans	1.5	2.3	3.7
Other molluscs	1.4	2.1	4.5

**Table 25. VALUE OF AQUACULTURE PRODUCTION BY CULTURE ENVIRONMENT AND BY SPECIES, PHILIPPINES, 2001 - 2004**

<b>ENVIRONMENT/SPECIES</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
<b>By Culture Environment</b>	<b>35,418.2</b>	<b>37,199.1</b>	<b>44,822.3</b>
(Million Pesos)			
Brackishwater Fishpond <sup>1/</sup>	25,037.6	24,791.8	27,507.4
Freshwater Fishcage/pen	2,935.1	3,926.0	5,087.6
Freshwater Fishpond	2,988.3	3,258.0	4,044.6
Marine Fishcage/pen	1,089.7	1,401.0	2,721.3
Others <sup>2/</sup>	3,367.5	3,822.3	5,461.4
<b>By Species (Million Pesos)</b>	<b>35,418.2</b>	<b>37,199.1</b>	<b>44,822.3</b>
Seaweeds	3,236.6	3,672.0	5,261.4
Milkfish	12,569.0	13,190.9	16,233.7
Tilapia	5,371.7	6,235.6	7,734.6
Tiger Prawn	12,356.1	12,135.7	12,855.0
Mussel	62.4	72.1	88.8
Oyster	68.4	78.2	111.0
Carp	244.1	194.3	349.2
Mudcrab	1,014.5	1,050.1	1,590.5
Catfish	130.9	117.5	114.7
Other species	364.5	452.7	483.4

<sup>1/</sup> includes brackishwater pens/cages

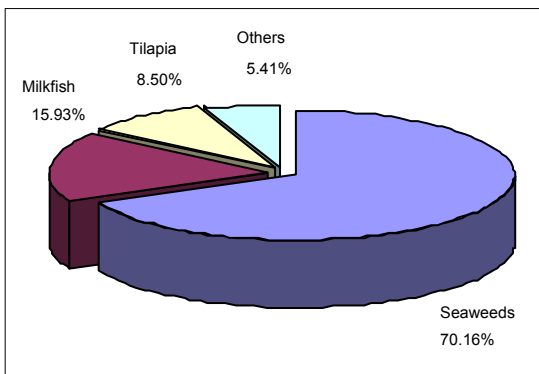
<sup>2/</sup> Others include seaweeds, mussel and oyster

**Table 26. REGIONAL DISTRIBUTION OF PRODUCTION BY SUB-SECTOR, PHILIPPINES, 2004**

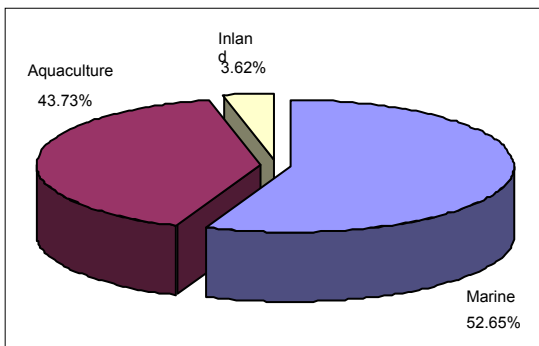
REGION	MARINE	INLAND	AQUA-CULTURE
<b>PHILIPPINES</b> ('000 MT)	<b>2,067.1</b>	<b>142.0</b>	<b>1,717.0</b>
<b>LUZON</b> (%)	<b>34.86</b>	<b>64.53</b>	<b>41.22</b>
CAR	-	0.64	0.12
ILOCOS	1.54	1.47	3.29
CAGAYAN VALLEY	1.49	4.62	0.32
CENTRAL LUZON	1.22	6.22	8.87
NCR - M.M.	6.94	-	0.22
CALABARZON	5.93	49.63	7.30
MIMAROPA	10.96	0.51	19.50
BICOL	6.77	1.44	1.60
<b>VISAYAS</b> (%)		<b>5.66</b>	<b>14.08</b>
WESTERN VISAYAS		4.11	7.52
CENTRAL VISAYAS		0.10	5.43
EASTERN VISAYAS		1.45	1.12
<b>MINDANAO</b> (%)	<b>43.05</b>	<b>29.80</b>	<b>44.70</b>
ZAMBOANGA PENINSULA	16.48	0.34	10.17
NORTHERN MINDANAO	3.45	1.04	3.07
DAVAO	1.90	0.12	0.88
SOCCSKSARGEN	11.08	12.38	1.41
CARAGA	3.18	2.78	1.42
ARMM	6.96	13.14	27.74



**Fig 9. PERCENT SHARE OF AQUACULTURE PRODUCTION BY SPECIES, PHILIPPINES, 2004**



**Fig 10. PERCENT SHARE OF FISH PRODUCTION BY SUB-SECTOR, PHILIPPINES, 2004**



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## Production Costs and Returns

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**Table 27. ALL PALAY: COSTS AND RETURNS, BY SEASON, PHILIPPINES, 2004P**

ITEM	DRY	WET	AVERAGE
(pesos per hectare)			
Gross Returns	32,626	34,505	33,584
Cash Cost	10,614	11,897	11,276
Non-Cash Cost	7,834	8,298	8,070
Imputed Cost	6,832	6,464	6,656
Total Cost	25,280	26,659	26,002
Net Returns	7,346	7,846	7,582
Net Profit-Cost Ratio	0.29	0.29	0.29
Cost Per Kilogram (Pesos)	7.23	7.56	7.40

**Table 27a. IRRIGATED PALAY: COSTS AND RETURNS, BY SEASON, PHILIPPINES, 2004P**

ITEM	DRY	WET	AVERAGE
(pesos per hectare)			
Gross Returns	36,290	38,609	37,466
Cash Cost	11,831	13,357	12,619
Non-Cash Cost	8,525	8,923	8,736
Imputed Cost	7,115	6,588	6,861
Total Cost	27,471	28,868	28,216
Net Returns	8,819	9,741	9,250
Net Profit-Cost Ratio	0.32	0.34	0.33
Cost Per Kilogram (Pesos)	7.06	7.32	7.20

**Table 27b. NON-IRRIGATED PALAY: COSTS AND RETURNS, BY SEASON, PHILIPPINES, 2004P**

ITEM	DRY	WET	AVERAGE
(pesos per hectare)			
Gross Returns	21,848	27,627	25,468
Cash Cost	7,745	8,476	8,130
Non-Cash Cost	6,347	6,839	6,540
Imputed Cost	6,169	6,181	6,178
Total Cost	20,261	21,496	20,848
Net Returns	1,587	6,131	4,620
Net Profit-Cost Ratio	0.08	0.29	0.22
Cost Per Kilogram (Pesos)	8.65	7.62	7.83

**Table 28. ALL CORN: COSTS AND RETURNS, BY SEASON, PHILIPPINES, 2004P**

ITEM	DRY	WET	AVERAGE
(pesos per hectare)			
Gross Returns	20,885	17,658	19,021
Cash Cost	6,425	7,474	6,952
Non-Cash Cost	1,825	1,811	1,814
Imputed Cost	5,856	5,075	5,458
Total Cost	14,106	14,360	14,224
Net Returns	6,779	3,298	4,797
Net Profit-Cost Ratio	0.48	0.23	0.34
Cost Per Kilogram (Pesos)	6.15	7.04	6.64

**Table 28a. WHITE CORN: COSTS AND RETURNS, BY SEASON, PHILIPPINES, 2004P**

ITEM	DRY	WET	AVERAGE
(pesos per hectare)			
Gross Returns	13,294	12,838	12,991
Cash Cost	4,236	5,409	4,831
Non-Cash Cost	1,491	1,675	1,583
Imputed Cost	5,742	5,055	5,370
Total Cost	11,469	12,139	11,784
Net Returns	1,825	699	1,207
Net Profit-Cost Ratio	0.16	0.06	0.10
Cost Per Kilogram (Pesos)	7.81	8.67	8.26

**Table 28b. YELLOW CORN: COSTS AND RETURNS, BY SEASON, PHILIPPINES, 2004P**

ITEM	DRY	WET	AVERAGE
(pesos per hectare)			
Gross Returns	31,108	25,088	28,001
Cash Cost	9,782	11,317	10,533
Non-Cash Cost	2,227	1,899	2,064
Imputed Cost	6,038	5,044	5,571
Total Cost	18,047	18,260	18,168
Net Returns	13,061	6,828	9,833
Net Profit-Cost Ratio	0.72	0.37	0.54
Cost Per Kilogram (Pesos)	5.33	5.65	5.50

**Table 29. OTHER COMMODITIES: COSTS AND RETURNS, BY SEASON, PHILIPPINES, 2004P**

ITEM	MANGO	PINE-APPLE	COFFEE	EGG-PLANT
	(pesos per hectare)			
Gross Returns	119,305	174,019	29,471	109,639
Cash Cost	34,545	43,073	14,018	70,137
Non-Cash Cost	3,593	524	534	2,279
Imputed Cost	15,362	12	6,407	30,835
Total Cost	53,500	55,930	20,959	103,251
Net Returns	65,805	118,089	8,512	6,388
Net Profit-Cost Ratio	1.23	2.11	0.41	0.06
Cost Per Kilogram (Pesos)	8.79	1.53	27.22	11.91

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## Price Statistics

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2005 Selected Statistics on Agriculture

**Table 30. CONSUMER PRICE INDEX,  
PHILIPPINES, 2002-2004**  
(2000=100)

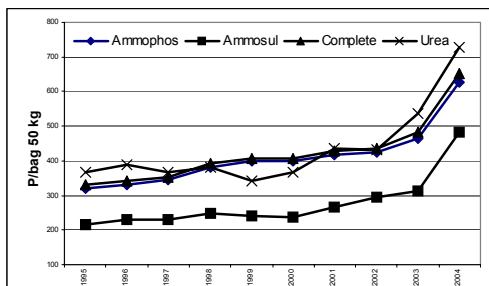
ITEM	2002	2003	2004P
<b>ALL ITEMS</b>	<b>110.0</b>	<b>113.8</b>	<b>120.6</b>
Food *	107.1	109.5	116.3
Non-Food	112.9	118.1	125.0

\* -Include Beverages and Tobacco

**Table 31. DEALERS' PRICES OF FERTILIZER,  
PHILIPPINES, 2002-2004**  
(P/bag of 50 kg)

ITEM	2002	2003	2004P
<b>UREA</b>	430.52	537.90	728.22
<b>AMMOSUL</b>	294.78	314.19	482.51
<b>COMPLETE</b>	436.01	481.33	653.07
<b>AMMOPHOS</b>	425.49	464.54	626.59

**Fig 11. FERTILIZER: YEARLY AVERAGE DEALERS' PRICES, PHILIPPINES, 1995-2004P**





**Table 32. DOMESTIC AND WORLD PRICES OF CEREALS,  
2002-2004**

ITEM	2002	2003	2004P
<b>DOMESTIC PRICE (P/kg)</b>			
<b>Palay/Rice, Special</b>			
Farm	8.82	8.84	9.45
Wholesale	18.21	18.30	19.12
Retail	19.98	20.20	21.04
<b>Corngrain</b>			
Corngrain, white			
Farm	7.03	6.89	9.13
Wholesale	7.87	7.90	10.06
Retail	13.58	13.00	15.14
Corngrain, yellow			
Farm	6.42	6.67	8.49
Wholesale	8.91	8.56	10.14
Retail	13.45	12.98	14.40
<b>WORLD PRICE (\$/kg)</b>			
<b>Cereals</b>			
Rice			
5% brokens	0.19	0.20	0.24
10% brokens	0.19		
15% brokens	0.18		
25% brokens	0.18	0.18	0.23
35% brokens	0.17	0.18	0.22
Corn			
Yellow	0.09	0.11	0.11

*P - Preliminary*

**Table 33. PRICES OF SELECTED COMMODITIES,  
PHILIPPINES, 2002-2004P**

ITEM	2002	2003	2004P
	(P/kg)		
<b>Coconut</b>			
Copra (corriente)			
Farm	9.20	10.65	16.06
Wholesale	8.70	10.46	15.92
Matured nuts			
Farm	2.42	2.65	3.59
Wholesale	7.24	8.23	10.40
Retail	6.38	8.10	9.69
Young nuts			
Farm	1.98	2.50	2.95
<b>Sugar, centrifugal</b>			
Farm	17.61	16.62	15.05
<b>Coffee, dry beans</b>			
Robusta			
Farm	24.72	33.30	33.66
Wholesale	26.88	32.00	35.69
Arabica			
Farm	44.06	50.99	53.38
Wholesale	37.36	43.94	
Excelsa			
Farm	33.38	38.77	36.65
Wholesale	26.62	38.14	38.97
<b>Rubber (cup lump)</b>			
Farm	11.15	17.45	23.65
Wholesale	11.73	17.59	24.42
<b>Banana</b>			
Bungulan			
Farm	4.16	4.21	5.57
Wholesale	5.46	5.39	6.16

**Table 33. PRICES OF SELECTED COMMODITIES,  
PHILIPPINES, 2002-2004 (Con't.)**

ITEM	2002	2003	2004P
	(P/kg)		
<b>Latundan</b>			
Farm	4.52	5.17	6.11
Wholesale	9.80	9.90	10.70
Retail	13.50	13.50	14.60
<b>Lakatan</b>			
Farm	6.35	6.70	7.84
Wholesale	11.88	12.42	14.31
Retail	17.64	17.91	19.35
<b>Saba</b>			
Farm	3.40	4.20	4.30
Wholesale	7.02	7.02	8.19
Retail	9.27	9.36	10.80
<b>Pineapple Hawaiian</b>			
Farm	4.72	6.92	4.77
Wholesale	7.65	8.23	7.04
Retail	9.85	10.08R	10.62
<b>Mango Carabao</b>			
Farm	19.49	18.55	22.64
Wholesale	32.28	33.13	31.48
Retail	43.40	45.55	46.24
<b>Cassava</b>			
Farm	3.16	4.05	4.08
Wholesale	6.08	5.42	5.38
<b>Camote</b>			
Farm	6.26	6.34	6.73
Wholesale	9.39	9.14	9.22
Retail	13.88	13.80	14.50

**Table 34. PRICES OF LIVESTOCK/POULTRY,  
PHILIPPINES, 2002-2004**

ITEM	2002	2003	2004P
	(P/kg)		
<b>LIVESTOCK</b> <sup>1/</sup>			
<b>Carabao</b>			
Farm (liveweight)	41.12	42.12	46.15
<b>Cattle</b>			
Farm (liveweight)	51.15	52.04	58.38
Retail (beef lean meat)	136.28	141.03	161.62
<b>Hog</b>			
Farm (liveweight)	51.18	51.33	67.88
Retail (pork lean meat)	108.84	108.98	132.43
<b>Goat</b>			
Farm	57.13	58.85	65.68
<b>POULTRY</b>			
<b>Chicken</b> (broiler) <sup>1/</sup>			
Farm	59.46	62.00	72.49
Wholesale <sup>2/</sup>	51.86	57.29	63.89
Retail	65.49	67.99	82.61
<b>Duck</b> <sup>1/</sup>			
Farm	55.92	62.18	51.5

**Table 35. WHOLESALE AND RETAIL PRICES OF SELECTED FISHERY PRODUCTS, PHILIPPINES, 2002-2004**

ITEM	2002	2003	2004P
	(P/kg)		
<b>FISHERY PRODUCTS</b>			
Bangus (Milkfish)			
Wholesale	61.83	59.87	68.75
Retail	78.92	75.24	85.12
Dilis (Anchovie)			
Wholesale	32.95	33.48	35.33
Retail	49.45	50.65	53.76
Galunggong (Roundscad)			
Wholesale	43.8	43.87	48.07
Retail	60.41	59.81	66.19
Sapsap (Slipmouth)			
Wholesale	38.68	39.43	41.63
Retail	75.36	75.04	83.77
Tilapia			
Wholesale	43.53	44.01	51.36
Retail	57.71	58.8	67.38
Tulingan (Frigate Tuna)			
Wholesale	46.84	46.55	54.08
Retail	57.96	60.05	66.42

1/ Backyard

2/ Metro Manila

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Agricultural  
Foreign Trade  
Statistics

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**Table 36. VOLUME AND VALUE OF TOP AGRICULTURAL EXPORTS, PHILIPPINES, 2002-2004P**

ITEM	2002	2003	2004P
<b>VOLUME OF TOP EXPORTS</b> ('000 MT)			
Coconut Oil	944.66	1,186.36	959.15
Banana, Fresh	1,684.99	1,829.38	1,785.46
Pineapple & Products	458.28	500.53	528.57
Tuna	72.30	85.03	78.35
Shrimps & Prawns	16.92	19.08	15.34
Tobacco Manufactured	3.21	6.32	17.83
Desiccated Coconut	106.96	106.80	106.06
Seaweeds & Carageenan	39.02	41.19	44.26
Milk and Cream & Products	22.71	26.25	32.92
Fertilizer Manufactured	434.67	319.19	336.03
Mango, fresh	35.52	35.78	46.98
<b>VALUE OF TOTAL AGRICULTURAL EXPORTS</b>			
(F.O.B. in Million US\$)	1,976.08	2,311.02	2,510.90
<b>VALUE OF TOP EXPORTS</b> (F.O.B. in Million US\$)			
Coconut Oil	352.63	504.86	577.79
Banana,	308.89	333.00	324.03
Pineapple & Products	148.59	169.18	176.66
Tuna	145.16	156.93	155.33
Shrimps & Prawns	140.85	125.46	112.35
Tobacco Manufactured	14.72	40.07	102.37
Desiccated Coconut	94.79	95.74	99.74
Seaweeds & Carageenan	72.22	80.30	89.89
Milk and Cream & Products	49.30	58.81	74.43
Fertilizer Manufactured	56.67	49.47	66.91
Mango, fresh	27.28	31.01	31.11

**Table 37. VOLUME AND VALUE OF BANNER CROP EXPORTS, PHILIPPINES, 2002-2004P**

ITEM	2002	2003	2004P
<b>VOLUME OF EXPORTS</b> ('000 MT)			
<b>Banner Crops</b>			
Abaca	17.99	15.55	28.75
Nata de Coco	6.43	5.90	7.51
Asparagus	4.66	3.64	2.62
Papaws (fresh/dried)	4.65	2.39	4.65
Shallots	16.03	30.03	27.36
Onions (fresh/dried/powdered)	0.35	2.92	0.82
Kaong	0.92	1.12	0.72
Manioc (Cassava) & Tapioca	0.99	1.19	0.73
Coconut (Young)	2.05	0.84	3.25
Yam (fresh/dried/powdered)	0.18	0.18	0.16
Garlic	4.11	4.59	4.67
<b>VALUE OF EXPORTS</b> (F.O.B in Million US \$)			
<b>Banner Crops</b>			
Abaca	9.68	10.16	14.56
Nata de Coco	5.91	4.68	5.42
Asparagus	10.02	7.88	4.89
Papaws (fresh/dried)	5.66	2.93	5.44
Shallots	3.23	6.72	6.05
Onions (fresh/dried/powdered)	0.27	0.93	0.30
Kaong	1.72	2.05	1.27
Manioc (Cassava) & Tapioca	1.57	1.84	1.13
Coconut (Young)	0.65	0.33	0.67
Yam (fresh/dried/powdered)	0.39	0.45	0.38
Garlic	3.12	2.65	1.65



**Table 38. VOLUME AND VALUE OF TOP AGRICULTURAL IMPORTS, PHILIPPINES, 2002-2004P**

ITEM	2002	2003	2004P
<b>VOLUME OF TOP IMPORTS</b> ('000 M.T.)			
Milk & Cream & Products	264.89	291.28	313.13
Wheat and Meslin	2,911.29	2,751.56	2,155.40
Soya bean Oil Cake/Meal	1,273.20	1,250.92	1,160.18
Rice	1,196.19	886.47	1,001.11
Tobacco, Unmanufactured	24.04	29.51	58.31
Meat of Bovine Animals	84.16	86.39	110.06
Soya beans	257.10	289.13	284.14
Urea	508.61	720.25	542.89
Palm Oil (crude & refined)	42.86	33.54	98.03
Cotton	47.44	31.95	33.55
<b>VALUE OF TOTAL AGRICULTURAL IMPORTS</b>			
(C.I.F. in Million US \$)	3,310.40	3,243.76	3,660.38
<b>VALUE OF TOP IMPORTS</b> (C.I.F. in Million US \$)			
Milk & Cream & Products	318.01	354.74	431.23
Wheat and Meslin	482.85	468.10	382.43
Soya bean Oil Cake/Meal	256.33	263.29	355.41
Rice	237.60	171.47	263.05
Tobacco, Unmanufactured	72.61	89.97	175.78
Meat of Bovine Animals	93.39	91.64	124.39
Soya beans	90.71	78.40	98.02
Urea	57.20	107.12	84.10
Palm Oil (crude & refined)	16.68	16.97	52.73
Cotton	44.30	36.16	50.55

**Table 39. VOLUME AND VALUE OF SELECTED AGRICULTURAL IMPORTS, PHILIPPINES, 2002-2004P**

ITEM	2002	2003	2004P
<b>VOLUME OF IMPORTS ('000 MT)</b>			
<b>LIVESTOCK &amp; POULTRY</b>			
Live Bovine (Head)	0.12	0.09	0.05
Meat of Bovine, frozen	84.16	86.39	110.06
Live Chicken (Head)	2.52	1.78	1.03
Chicken Meat, frozen	11.70	13.45	20.55
<b>VEGETABLES</b>			
Garlic	16.81	18.98	23.13
Onion	6.65	11.28	8.16
Cauliflower & Headed brocolli	0.61	0.27	0.20
Potatoes	3.1	6.35	7.88
<b>VALUE OF IMPORTS (C.I.F. in Million US \$)</b>			
<b>LIVESTOCK &amp; POULTRY</b>			
Live Bovine (Head)	34.09	28.45	23.34
Meat of Bovine, frozen	93.39	91.64	124.39
Live Chicken (Head)	10.75	8.62	7.26
Chicken Meat, frozen	6.82	8.11	12.70
<b>VEGETABLES</b>			
Garlic	3.81	3.72	6.32
Onion	0.99	1.61	2.88
Cauliflower & Headed brocolli	0.21	0.12	0.12
Potatoes	0.83	1.54	2.11

**Table 40. PERCENTAGE SHARE OF PHILIPPINES TO  
WORLD MARKET, 2003**

COMMODITY	T R A D E		PHILIPPINE SHARE (%)
	WORLD 1/	PHILIPPINES	
<b>VOLUME OF EXPORTS</b> ('000 MT.)			
Coconut oil	2,088.67	1,186.36	56.80
Banana, fresh	15,944.30	1,829.38	11.47
Pineapple & Pineapple products	3,343.67	500.53	14.97
Mango, Fresh	919.00	35.78	3.90

1/ - Sourced from FAO

**Table 41. SHARE BY MAJOR MARKETS OF TOP  
AGRICULTURAL EXPORTS, 2004P**

<b>COMMODITY/ COUNTRY OF DESTINATION</b>	<b>QUANTITY</b>	<b>VALUE</b>	<b>% SHARE (VALUE)</b>
<b>QUANTITY AND VALUE</b> ('000 M.T) (F.O.B. in Million US\$)			
<b>COCONUT OIL</b>	<b>959.15</b>	<b>577.79</b>	<b>100.00</b>
The Netherlands	373.34	220.28	38.12
United States of America	337.48	209.18	36.20
Malaysia	81.07	46.89	8.12
Japan ( <i>Excludes Okinawa</i> )	60.10	38.42	6.65
Korea, Republic of ( <i>South</i> )	26.60	16.93	2.93
Others	80.56	46.09	7.98
<b>BANANA FRESH</b>	<b>1,785.46</b>	<b>324.03</b>	<b>100.00</b>
Japan	912.94	176.20	54.38
Iran, Islamic Republic of	169.86	28.69	8.85
China, People's Republic	171.82	28.12	8.68
China ( <i>Republic of Taiwan</i> )	151.50	27.18	8.39
United Arab Emirates	157.57	24.66	7.61
Others	221.77	39.18	12.09
<b>PINEAPPLE &amp; PINEAPPLE PRODUCTS</b>	<b>528.57</b>	<b>176.66</b>	<b>100.00</b>
United States of America	212.13	82.74	46.84
Japan ( <i>Excludes Okinawa</i> )	172.24	38.66	21.88
The Netherlands	16.89	9.16	5.19
Korea, Republic of ( <i>South</i> )	33.22	8.01	4.53
Spain	13.63	4.57	2.59
Others	80.46	33.52	18.97
<b>TUNA</b>	<b>78.34</b>	<b>155.33</b>	<b>100.00</b>
United States of America	22.10	52.43	33.75

**Table 41. SHARE BY MAJOR MARKETS OF TOP AGRICULTURAL EXPORTS, 2000P** (Con't.)

<b>COMMODITY/ COUNTRY OF DESTINATION</b>	<b>QUANTITY</b>	<b>VALUE</b>	<b>% SHARE (VALUE)</b>
Japan ( <i>Excludes Okinawa</i> )	13.59	22.00	14.16
Germany	7.32	15.23	9.80
Canada	6.55	13.12	8.45
UK Great Britain & N Ireland	2.38	5.13	3.30
Others	26.40	47.42	30.53
<b>SHRIMPS AND PRAWNS</b>	<b>15.34</b>	<b>112.36</b>	<b>100.00</b>
Japan ( <i>Excludes Okinawa</i> )	7.21	55.51	49.40
Korea, Republic of ( <i>South</i> )	4.38	27.71	24.66
United States of America	2.24	16.59	14.77
Guam	0.28	2.59	2.31
Canada	0.20	2.58	2.30
Others	1.03	7.38	6.57
<b>TOBACCO</b>			
<b>MANUFACTURED</b>	<b>17.83</b>	<b>102.38</b>	<b>100.00</b>
Thailand	10.63	64.34	62.84
Vietnam	1.35	14.43	14.09
Netherlands	0.29	4.51	4.41
United States of America	0.87	3.33	3.25
Korea, Republic of ( <i>South</i> )	0.53	3.05	2.98
Others	4.16	12.72	12.42
<b>DESICCATED COCONUT</b>	<b>106.05</b>	<b>99.73</b>	<b>100.00</b>
United States of America	30.44	29.35	29.43
UK and N Ireland	15.94	16.42	16.46
Belgium	6.66	6.37	6.39
Netherlands	7.16	5.61	5.63
Canada	5.46	4.90	4.91
Others	40.39	37.08	37.18

**Table 41. SHARE BY MAJOR MARKETS OF TOP AGRICULTURAL EXPORTS, 2004P** (Con't.)

<b>COMMODITY/ COUNTRY OF DESTINATION</b>	<b>QUANTITY</b>	<b>VALUE</b>	<b>% SHARE (VALUE)</b>
<b>SEAWEEDS AND</b>			
<b>CARAGEENAN</b>	<b>44.27</b>	<b>89.89</b>	<b>100.00</b>
United States of America	7.21	16.78	18.67
France	7.97	10.78	11.99
Denmark	1.64	5.60	6.23
Korea, Republic of ( <i>South</i> )	4.74	4.74	5.27
Canada	1.27	4.61	5.13
Others	21.44	47.38	52.71
<b>MILK AND CREAM AND</b>			
<b>PRODUCTS</b>	<b>32.92</b>	<b>74.44</b>	<b>100.00</b>
Indonesia ( <i>Incl. West Irian</i> )	14.97	33.19	44.59
Malaysia ( <i>Fed. of Malaya</i> )	13.68	30.71	41.25
Thailand	1.24	3.53	4.74
Vietnam	0.83	1.90	2.55
United States of America	0.40	1.01	1.36
Others	1.80	4.10	5.51
<b>FERTILIZER</b>			
<b>MANUFACTURED</b>	<b>336.04</b>	<b>66.91</b>	<b>100.00</b>
Vietnam	222.60	45.38	67.82
Thailand	61.00	9.89	14.78
Indonesia ( <i>Incl. West Irian</i> )	43.79	9.26	13.84
Malaysia ( <i>Fed. of Malaya</i> )	5.76	1.69	2.53
Australia	2.47	0.50	0.75
Others	0.42	0.19	0.28

**TASK FORCE ON  
Updating and Revision of  
SELECTED STATISTICS IN AGRICULTURE  
for 2005**

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