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Crops Statistics of the Philippines

2007 - 2011

(NATIONAL and REGIONAL)

Republic of the Philippines
Department of Agriculture
BUREAU OF AGRICULTURAL STATISTICS

August 2012

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FOREWORD

This is the ninth issue of Crops Statistics of the Philippines, an annual publication of the Bureau of Agricultural Statistics (BAS). As in the previous issues, this report presents annual production statistics of 21 major crops and 20 minor priority crops with national and regional levels of disaggregation. These crops are classified into Cereals, Fruit Crops, Non-Food and Industrial Crops and Vegetables and Root Crops. In the case of banana and mango, production statistics are disaggregated by major variety. The reference period is 2007 to 2011.

The production statistics are presented in the order of the above crop classification. Each classification is preceded by a brief description of the trends of area, production and yield and the major factors affecting these trends and the major producing regions.

This report was prepared by the Crops Statistics Division (CSD) of the BAS. It serves as a ready reference for various stakeholders in the crops subsector of agriculture. The BAS continuously pursues the improvement of the delivery of its products and services. Hence, it welcomes comments and suggestions from the readers for further improvement of this report.

ROMEO S. RECIDE
Director

Quezon City, Philippines
August 2012

TABLE of CONTENTS

Page

FOREWORD i

TABLE OF CONTENTS iii

EXPLANATORY NOTES xi

STATISTICAL TABLES

I. SUMMARY STATISTICS – NATIONAL 1

Table 1.0 ANNUAL PRODUCTION OF SELECTED CROPS, PHILIPPINES, 2007-2011 3

Table 2.0 ANNUAL AREA PLANTED/HARVESTED OF SELECTED CROPS, PHILIPPINES, 2007-2011 4

Table 3.0 ANNUAL YIELD PER HECTARE OF SELECTED CROPS, PHILIPPINES, 2007-2011 5

Table 4.0 ANNUAL NUMBER OF BEARING TREES/HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE/HILLS, PHILIPPINES, 2007-2011 6

II. REGIONAL STATISTICS

A. CEREALS 7

HIGHLIGHTS 9

Table 2.1 PALAY: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 11

Table 2.2 IRRIGATED PALAY: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 12

Table 2.3 RAINFED PALAY: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 13

HIGHLIGHTS 14

Table 2.4 CORN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 16

TABLE of CONTENTS

Page

Table 2.5 WHITE CORN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 17

Table 2.6 YELLOW CORN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 18

B. FRUIT CROPS 19

HIGHLIGHTS 21

Table 3.1 BANANA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 24

Table 3.1a BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2007-2011 25

Table 3.1.1 CAVENDISH BANANA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 26

Table 3.1.1a CAVENDISH BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2007-2011 27

Table 3.1.2 LACATAN BANANA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 28

Table 3.1.2a LACATAN BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2007-2011 29

Table 3.1.3 SABA BANANA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 30

Table 3.1.3a SABA BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2007-2011 31

HIGHLIGHTS 32

Table 3.2 CALAMANSI: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 33

Table 3.2a CALAMANSI: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 34

TABLE of CONTENTS

Page

Table 3.3 DURIAN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 35

Table 3.3a DURIAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 36

Table 3.4 LANZONES: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 37

Table 3.4a LANZONES: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 38

Table 3.5 MANDARIN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 39

Table 3.5a MANDARIN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 40

HIGHLIGHTS 41

Table 3.6 MANGO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 43

Table 3.6a MANGO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 44

Table 3.6.1 CARABAO MANGO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 45

Table 3.6.1a CARABAO MANGO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 46

Table 3.7 MANGOSTEEN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 47

Table 3.7a MANGOSTEEN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 48

Table 3.8 ORANGE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 49

TABLE of CONTENTS

Page

Table 3.8a ORANGE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 50

Table 3.9 PAPAYA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 51

Table 3.9a PAPAYA: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 52

HIGHLIGHTS 53

Table 3.10 PINEAPPLE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 54

Table 3.11 RAMBUTAN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 55

Table 3.11a RAMBUTAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 56

Table 3.12 TAMARIND FRUIT: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 57

Table 3.12a TAMARIND FRUIT: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 58

Table 3.13 WATERMELON: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 59

C. NON-FOOD AND INDUSTRIAL CROPS 61

HIGHLIGHTS 63

Table 4.1 ABACA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 64

TABLE of CONTENTS

Page

HIGHLIGHTS 65

Table 4.2 CACAO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 66

Table 4.2a CACAO: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE BY REGION, PHILIPPINES, 2007-2011 67

HIGHLIGHTS 68

Table 4.3 CASHEW: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 69

Table 4.3a CASHEW: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE BY REGION, PHILIPPINES, 2007-2011 70

HIGHLIGHTS 71

Table 4.4 COCONUT: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 72

Table 4.4a COCONUT: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 73

HIGHLIGHTS 74

Table 4.5 COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 75

Table 4.5a COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 76

Table 4.5.1 ARABICA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 77

Table 4.5.1a ARABICA COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 78

TABLE of CONTENTS

Page

Table 4.5.2 EXCELSA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 79

Table 4.5.2a EXCELSA COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 80

Table 4.5.3 LIBERICA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 81

Table 4.5.3a LIBERICA COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE BY REGION, PHILIPPINES, 2007-2011..... 82

Table 4.5.4 ROBUSTA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 83

Table 4.5.4a ROBUSTA COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE BY REGION, PHILIPPINES, 2007-2011 84

HIGHLIGHTS 85

Table 4.6 COTTON: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 86

HIGHLIGHTS 87

Table 4.7 RUBBER: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 88

Table 4.7a RUBBER: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011 89

HIGHLIGHTS 90

Table 4.8 SUGARCANE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2001-2011 91

TABLE of CONTENTS

Page

HIGHLIGHTS **92**

Table 4.9 TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 93

Table 4.9.1 NATIVE TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 94

Table 4.9.2 VIRGINIA TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 95

D. VEGETABLES, ROOT CROPS & TUBERS **97**

HIGHLIGHTS **99**

Table 5.1 CABBAGE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 100

HIGHLIGHTS **101**

Table 5.2 CAMOTE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 102

HIGHLIGHTS **103**

Table 5.3 CASSAVA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 104

HIGHLIGHTS **105**

Table 5.4 EGGPLANT: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 106

HIGHLIGHTS **107**

Table 5.5 GARLIC: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 108

HIGHLIGHTS **109**

Table 5.6 MONGO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 110

TABLE of CONTENTS

Page

HIGHLIGHTS **111**

Table 5.7 ONION: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 112

HIGHLIGHTS **113**

Table 5.8 PEANUT: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 114

HIGHLIGHTS **115**

Table 5.9 TOMATO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 116

HIGHLIGHTS **117**

Table 5.10 ASPARAGUS: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 118

Table 5.11 BROCCOLI: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 119

Table 5.12 CARROTS: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 120

Table 5.13 CAULIFLOWER: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 121

Table 5.14 GABI: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 122

Table 5.15 GINGER: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 123

Table 5.16 GOURD: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 124

TABLE of CONTENTS

Page

Table 5.17 HABITCHUELAS: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 126

Table 5.18 LETTUCE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-20101..... 127

Table 5.19 OKRA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 128

Table 5.20 PECHAY CHINESE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 129

Table 5.21 PECHAY NATIVE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 130

Table 5.22 UBI: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 131

Table 5.23 WHITE POTATO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2007-2011 132

EXPLANATORY NOTES

Scope and Coverage

Crop production statistics are generated for all regions and provinces except Batanes. Quarterly crop surveys cover all commodities, however, this publication focuses on the following forty seven (47) major and priority crops:

	MAJOR CROPS	PRIORITY CROPS
CEREALS	Palay and corn	
FRUIT CROPS	Banana, calamansi, mango, pineapple	Durian, mandarin, mangosteen, lanzones, papaya, rambutan, orange, watermelon, tamarind
NON-FOOD & INDUSTRIAL CROPS	Abaca, coconut, coffee, rubber, sugarcane tobacco	Cacao, cashew, cotton
VEGETABLES, ROOTCROPS & TUBERS	Cabbage, camote, cassava, onion, eggplant, garlic, mongo, peanut, tomato	Asparagus, broccoli, carrots cauliflower, gabi, ginger, gourd, habitchuelas, lettuce, okra, pechay-chinese, pechay-native ubi, white potato

Sampling Methodology

The sampling design of Palay and Corn Production Survey (PCPS) was based on the results of 1991 Census of Agriculture (CAF). The survey domain was the province. It employ's a replicated two-stage stratified sampling design. The barangay was the primary sampling unit (psu), which was selected using a probability proportional to size (pps) scheme. The farming household served as the secondary sampling unit (ssu), which was selected systematically.

A non-probability survey was employed for *other crops*, crops other than palay and corn. A "5 x 5" design was used in the selection of samples with the province as the domain. The top five (5) producing municipalities were chosen from each province. From each of these municipalities, five (5) sample farmers were selected as respondents.

In this two-stage design, the municipalities served as the primary sampling units (psu), and farm households as the ultimate sampling units (usu).

Data Collection

For cereals, data collection is done quarterly during the first twelve (12) days of the month after the reference quarter. For other crops, quarterly data collection is conducted simultaneously with the monthly Farm Prices Survey (FPS) in the last ten (10) days of February, May, August and November.

Each round of the PCPS generates the following: (1) Final estimate of production for the immediate past quarter of the current survey round; (2) Forecast production for the current quarter based on standing crop; and (3) Forecast production for the next quarter based on planting intentions of farmers.

Data Review and Analysis

Data review and analysis are conducted quarterly to ascertain the accuracy of the data collected from probability and non-probability surveys. These activities start at the Provincial Operations Center (POC) after data processing using prescribed review materials. All provincial estimates undergo further data review at the regional level. All validated regional and provincial estimates are brought to the Central Office for final review. The BAS Director presides over the National Data Review, which is participated in by the Assistant Director and Division Chiefs, Regional Agricultural Statistics Officer (RASOs) and commodity specialists.

Concepts and Definitions

The following concepts and definitions are used in the generation of statistics for crops.

Area Harvested - The actual area from which harvests are realized. This excludes crop area which were totally damaged. It may be smaller than area planted. In crop statistics, this applies to temporary crops.

Area Planted - The actual physical area planted. This generally applies to area reported for permanent crops and multi-harvest temporary crops.

Bearing Trees/Bearing Hills/Bearing Vines - The number of trees/hills/vines where harvesting has been made in the past but may or may not have borne fruits or productive during the reference period due to cyclical production pattern of the crop. Hills applies to banana. Vines applies to pepper and grapes.

Crop Production - Is the quantity produced and actually harvested for a particular crop during the reference period. It includes those harvested but damaged, stolen, given away, consumed, given as harvester's share, reserved etc. Excluded are those produced but not harvested due to low price, lack of demand and force majeure or fortuitous events, etc.

Effective Area Harvested - The actual area which is counted as many times as it was planted and harvested to same crops during the reference period. This concept applies to the harvest area reported for mono harvest temporary crops such as rice, corn, root crops and tubers and pechay.

High Yielding Variety - An improved cultivated variety with significantly higher yield and better quality under specific environment and improved farming conditions and practices than the traditional seed varieties being used; or any agricultural crop variety that can equal or exceed the yield of the current commercially grown variety in a particular locality. HYV may be locally or foreign bred.

Industrial Crops - Are Crops that are used as inputs to other industries. Examples are: rubber, castor beans, abaca and oil palm.

Irrigated Palay - Palay crop that requires standing water for its normal growth, not confined to lowland but also to high places where paddies are built for planting rice, requires irrigation water made available through artificial means (gravity, force, power pumps, etc.)

Major Crops - Refer to the top 19 crops in the Philippines, other than palay and corn which collectively account for more than 60 percent of the total crop production. These include coconut, sugarcane, banana, pineapple, coffee, mango, tobacco, abaca, peanut, mongo, cassava, sweet potato, tomato, garlic, onion, cabbage, eggplant, calamansi and rubber.

Minor Crops - Are all the remaining crops other than the major crops. This group accounts for about 40 percent of the total crop production.

Non-Food Crops - Are crops other than those used for food consumption. These are crops grown for their aesthetic values such as ornamental plants and cutflowers. These also include agriculture-derived products such as rice hay and coconut leaves.

Permanent/Perennial Crops - Are crops which occupy the land for a long period of time and do not need to be replaced after each harvest such as fruit trees, shrubs, nuts, etc. These crops may be productive or fruit-bearing crops. Examples are: avocado, coffee, coconut and other fruit trees.

Priority Crops - Refer to the identified national banner crops and various regional priority crops of the then Key Commercial Crops Development Program (KCCDP), High Value Crops Development Program (HVCDP) and now the Key Commodity Road Maps of the Department of Agriculture, which are being developed because of their industrial and commercial potentials.

Rainfed Palay - Palay crop that depends solely upon rainfall for it's water supply; usually planted through transplanting or direct seeding in fields with dikes that retain water. There may be dikes in the field to hold water in the case of lowland-rainfed, or none in the case of upland palay.

Root Crops	-	Crops with well developed underground edible roots. They are classified into roots and tubers. Roots which are more starchy and rich in carbohydrates include gabi, ubi and white potato. Tubers include beets, radish, carrots and turnips.
Temporary Crops	-	Crops which are grown seasonally and which growing cycle less than one year and which must be sown and planted again for production after each harvest.
Vegetable Crops	-	Mostly temporary crops which are either classified agronomically as such or based on purpose for which they are used, like jackfruit which on their young stage, are classified as vegetables.
White Corn	-	Corn grown and used mainly for human consumption, and manufacture of corn by-products such as cornstarch, corn oil, syrup, dextrins, glucose, gluten, etc.
Yellow Corn	-	Corn used mainly as feed grains; includes all types of corn other than white.
Yield	-	Indicator of productivity derived by dividing total production by the area harvested.

I. SUMMARY STATISTICS NATIONAL

Table 1.0 ANNUAL PRODUCTION OF SELECTED CROPS, PHILIPPINES, 2007-2011

(IN METRIC TONS)

Crop	2007	2008	2009	2010	2011
Cereals					
Palay	16,240,194	16,815,548	16,266,417	15,772,319	16,684,062
Irrigated	12,269,390	12,556,150	12,083,264	11,992,459	12,358,931
Rainfed	3,970,804	4,259,398	4,183,153	3,779,860	4,325,131
Corn	6,736,940	6,928,225	7,034,033	6,376,796	6,971,221
White	2,527,633	2,254,567	2,316,434	2,169,103	2,150,222
Yellow	4,209,307	4,673,658	4,717,599	4,207,693	4,820,999
Fruit Crops					
Banana	7,484,073	8,687,624	9,013,186	9,101,341	9,165,046
Cavendish	*3,323,072*	*4,328,989*	*4,497,722*	*4,600,617*	*4,685,997*
Lacatan	*875,271*	*890,702*	*916,932*	*921,602*	*926,719*
Saba	*2,385,614*	*2,526,835*	*2,636,342*	*2,632,692*	*2,616,842*
Calamansi	201,619	199,675	192,187	188,340	182,550
Durian	73,250	51,399	55,727	77,548	58,969
Lanzones	58,258	7,407	15,341	49,500	4,256
Mandarin	25,281	22,743	20,376	18,783	17,697
Mango	1,023,907	884,011	771,441	825,676	788,074
Carabao	*828,412*	*712,409*	*621,279*	*669,520*	*638,954*
Mangosteen	4,683	866	1,567	5,553	683
Orange	5,148	4,870	4,663	4,337	3,984
Papaya	164,234	182,907	176,656	165,981	157,907
Pineapple	2,016,462	2,209,336	2,198,497	2,169,233	2,246,806
Rambutan	14,915	8,553	9,435	12,743	6,271
Tamarind Fruit	11,804	11,052	10,063	9,032	8,122
Watermelon	125,863	103,248	97,106	110,238	101,524
Non-Food & Industrial Crops					
Abaca	66,437	68,386	65,825	66,512	68,613
Cacao	5,237	5,149	5,134	5,019	4,856
Cashew	112,558	112,334	111,993	134,681	133,388
Coconut	14,852,927	15,319,527	15,667,565	15,510,283	15,244,609
Coffee	97,877	97,428	96,433	94,536	88,526
Arabica	*19,739*	*19,677*	*19,655*	*19,421*	*19,002*
Excelsa	*7,129*	*6,763*	*6,572*	*6,354*	*5,916*
Liberica	*677* R/	*666* R/	*652* R/	*633* R/	*630*
Robusta	*70,128* R/	*70,118* R/	*69,357* R/	*67,933* R/	*62,978*
Cotton	1,360	738	127	35	51
Rubber	404,072	411,044	390,962	395,237	425,705
Sugarcane	22,235,297	26,601,384	22,932,819	17,929,269	28,376,518
Tobacco	34,289	32,466	36,383	40,530	44,944
Native	*8,158*	*10,047*	*10,416*	*10,765*	*11,546*
Virginia	*19,737*	*15,125*	*16,578*	*18,839*	*21,447*
Vegetables, Root Crops & Tubers					
Asparagus	14,845	11,891	7,121	4,637	3,443
Brocolli	2,370	2,603	2,685	2,699	2,881
Cabbage	123,443	128,865	124,712	128,964	125,309
Camote	573,734	572,655	560,516	541,265	516,338
Carrots	65,024	68,366	68,328	72,109	67,162
Cassava	1,871,138	1,941,574	2,043,719	2,101,454	2,209,684
Cauliflower	10,148	10,758	10,559	11,102	11,583
Eggplant	210,156	199,579	200,942	208,242	207,994
Gabi	113,954	115,956	115,218	110,761	110,719
Garlic	11,285	11,348	10,451	9,563	9,056
Ginger	27,946	27,538	27,415	27,097	27,755
Gourd	106,291	104,029	102,787	97,586	93,780
Habitchuelas	15,922	16,897	16,187	15,820	15,426
Lettuce	3,335	3,566	3,577	3,634	3,519
Mongo	29,067	29,617	27,694	27,055	32,960
Okra	27,886	29,485	29,710	29,716	29,129
Onion	146,108	128,923	127,055	135,377	128,387
Peanut	31,205	30,247	30,978	29,624	29,734
Pechay-Chinese	48,233	50,099	49,451	52,222	50,581
Pechay-Native	45,039	45,396	44,922	44,861	44,525
Tomato	188,761	195,810	198,948	204,272	203,582
Ubi	29,265	24,185	22,567	21,892	17,844
White Potato	118,497	121,311	119,159	124,671	120,574

R/ - Revised

Table 2.0: ANNUAL AREA PLANTED/HARVESTED OF SELECTED CROPS, PHILIPPINES, 2007-2011

(IN HECTARES)

Crop	2007		2008	2009	2010		2011
Cereals							
Palay	4,272,889		4,459,977	4,532,310	4,354,161		4,536,642
Irrigated	2,917,012		3,032,638	3,055,763	3,008,325		3,072,637
Rainfed	1,355,877		1,427,339	1,476,547	1,345,836		1,464,005
Corn	2,648,317		2,661,021	2,683,890	2,499,040		2,544,612
White	1,469,327		1,367,410	1,402,845	1,338,943		1,283,701
Yellow	1,178,990		1,293,611	1,281,045	1,160,097		1,260,911
Fruit Crops							
Banana	436,762		438,593	446,371	449,443		450,125
Cavendish	*74,013*		*75,151*	*77,599*	*79,642*		*80,230*
Lacatan	*53,155*		*53,591*	*56,252*	*56,579*		*57,032*
Saba	*183,028*		*183,139*	*185,118*	*185,800*		*186,317*
Calamansi	20,545		20,956	20,912	20,987		21,141
Durian	17,167		18,371	18,669	18,838		19,001
Lanzones	20,015		20,331	20,430	20,505		20,586
Mandarin	9,621		9,583	9,444	9,289		9,107
Mango	184,174		186,770	188,139	189,437		187,073
Carabao	*141,627*		*144,293*	*145,926*	*147,026*		*145,518*
Mangosteen	1,991		2,214	2,263	2,287		2,313
Orange	1,817		1,677	1,657	1,630		1,556
Papaya	9,125		9,175	8,904	8,751		8,647
Pineapple	53,978		58,251	58,823	58,547		58,457
Rambutan	5,631		5,669	5,672	5,743		5,849
Tamarind Fruit	2,690		2,681	2,641	2,598		2,540
Watermelon	7,234		6,246	6,237	6,703	R/	6,102
Non-Food & Industrial Crops							
Abaca	136,049		137,520	135,081	135,090		139,771
Cacao	9,985		9,751	9,538	9,462		9,584
Cashew	27,574		27,517	27,428	28,114		28,204
Coconut	3,359,777		3,379,741	3,401,500	3,575,944		3,561,981
Coffee	123,975		123,269	122,645	121,399		119,657
Arabica	*20,008*		*19,977*	*19,862*	*19,622*		*19,369*
Excelsa	*10,387*		*10,176*	*9,687*	*9,576*		*9,135*
Liberica	*1,510*		*1,492*	*1,444*	*1,410*		*1,378*
Robusta	91,592		91,148	91,181	90,320		89,774
Cotton	1,426		538	310	48		176
Rubber	110,972		123,260	128,337	138,710		161,565
Sugarcane	382,956		397,991	404,034	354,878		439,698
Tobacco	23,863		22,182	26,104	29,707		32,235
Native	*5,980*		*6,969*	*6,684*	*7,143*		*7,965*
Virginia	*14,206*		*11,457*	*14,502*	*17,392*		*18,731*
Vegetables, Root Crops & Tubers							
Asparagus	970		706	536	368		349
Brocolli	240	R/	259	269	267		293
Cabbage	8,502		8,595	8,483	8,561		8,550
Camote	117,584		116,465	114,380	109,438		103,704
Carrots	4,898		5,075	5,080	5,115		4,946
Cassava	209,633		211,657	215,933	217,622		221,235
Cauliflower	974	R/	1,004	997	987		1,067
Eggplant	21,613		21,299	21,170	21,423		21,377
Gabi	18,215		18,168	17,882	16,998		16,827
Garlic	3,863		3,849	3,552	3,039		2,830
Ginger	3,974		3,926	3,948	3,967		4,037
Gourd	8,382		8,305	8,152	7,847		7,773
Habitchuelas	3,623		3,723	3,662	3,770		3,621
Lettuce	405		440	451	466		482
Mongo	39,011		39,923	38,658	40,080		45,283
Okra	3,287		3,488	3,555	3,570		3,497
Onion	15,879		14,579	14,526	15,169		14,641
Peanut	28,316		27,726	28,235	27,123		26,902
Pechay-Chinese	3,645		3,728	3,736	3,735		3,742
Pechay-Native	7,090		7,185	7,194	7,097		7,079
Tomato	17,544		17,646	17,656	17,663		17,548
Ubi	5,839		5,212	4,929	4,744		2,974
White Potato	7,939		7,994	7,904	8,129		8,171

R/ - Revised

Table 3.0: ANNUAL YIELD PER HECTARE OF SELECTED CROPS, PHILIPPINES, 2007-2011

(IN METRIC TONS)

Crop	2007		2008	2009	2010	2011
Cereals						
Palay	3.80		3.77	3.59	3.62	3.68
Irrigated	4.21		4.14	3.95	3.99	4.02
Rainfed	2.93		2.98	2.83	2.81	2.95
Corn	2.54		2.60	2.62	2.55	2.74
White	1.72		1.65	1.65	1.62	1.68
Yellow	3.57		3.61	3.68	3.63	3.82
Fruit Crops						
Banana	17.14		19.81	20.19	20.25	20.36
Cavendish	*44.90*		*57.60*	*57.96*	*57.77*	*58.41*
Lacatan	*16.47*		*16.62*	*16.30*	*16.29*	*16.25*
Saba	*13.03*		*13.80*	*14.24*	*14.17*	*14.05*
Calamansi	9.81		9.53	9.19	8.97	8.63
Durian	4.27		2.80	2.99	4.12	3.10
Lanzones	2.91		0.36	0.75	2.41	0.21
Mandarin	2.63		2.37	2.16	2.02	1.94
Mango	5.56		4.73	4.10	4.36	4.21
Carabao	*5.85*		*4.94*	*4.26*	*4.55*	*4.39*
Mangosteen	2.35		0.39	0.69	2.43	0.30
Orange	2.83		2.90	2.81	2.66	2.56
Papaya	18.00		19.93	19.84	18.97	18.26
Pineapple	37.36		37.93	37.37	37.05	38.44
Rambutan	2.65		1.51	1.66	2.22	1.07
Tamarind Fruit	4.39		4.12	3.81	3.48	3.20
Watermelon	17.40		16.53	15.57	16.45	16.64
Non-Food & Industrial Crops						
Abaca	0.49		0.50	0.49	0.49	0.49
Cacao	0.52		0.53	0.54	0.53	0.51
Cashew	4.08		4.08	4.08	4.79	4.73
Coconut	4.42		4.53	4.61	4.34	4.28
Coffee	0.79		0.79	0.79	0.78	0.74
Arabica	*0.99*		*0.98*	*0.99*	*0.99*	*0.98*
Excelsa	*0.69*		*0.66*	*0.68*	*0.66*	*0.65*
Liberica	*0.45*		*0.45*	*0.45*	*0.45*	*0.46*
Robusta	*0.77*		*0.77*	*0.76*	*0.75*	*0.70*
Cotton	0.95		1.37	0.41	0.73	0.29
Rubber	3.64		3.33	3.05	2.85	2.63
Sugarcane	58.06		66.84	56.76	50.52	64.54
Tobacco	1.44		1.46	1.39	1.36	1.39
Native	*1.36*		*1.44*	*1.56*	*1.51*	*1.45*
Virginia	*1.39*		*1.32*	*1.14*	*1.08*	*1.15*
Vegetables, Root Crops & Tubers						
Asparagus	15.30		16.85	13.28	12.58	9.86
Brocolli	9.88	R/	10.05	9.97	10.13	9.83
Cabbage	14.52		14.99	14.70	15.06	14.66
Camote	4.88		4.92	4.90	4.95	4.98
Carrots	13.28		13.47	13.45	14.10	13.58
Cassava	8.93		9.17	9.46	9.66	9.99
Cauliflower	10.42	R/	10.72	10.59	11.25	10.85
Eggplant	9.72		9.37	9.49	9.72	9.73
Gabi	6.26		6.38	6.44	6.52	6.58
Garlic	2.92		2.95	2.94	3.15	3.20
Ginger	7.03		7.01	6.94	6.83	6.88
Gourd	12.68		12.53	12.61	12.44	12.07
Habitchuelas	4.39		4.54	4.42	4.20	4.26
Lettuce	8.24		8.10	7.93	7.80	7.29
Mongo	0.75		0.74	0.72	0.68	0.73
Okra	8.48		8.45	8.36	8.32	8.33
Onion	9.20		8.84	8.75	8.92	8.77
Peanut	1.10		1.09	1.10	1.09	1.11
Pechay-Chinese	13.23		13.44	13.24	13.98	13.52
Pechay-Native	6.35		6.32	6.24	6.32	6.29
Tomato	10.76		11.10	11.27	11.57	11.60
Ubi	5.01		4.64	4.58	4.61	6.00
White Potato	14.93		15.18	15.08	15.34	14.76

R/ - Revised

Table 4.0: ANNUAL NUMBER OF BEARING TREES/HILLS, PLANTING DENSITY AND YIELD PER BEARING TREE/HILLS, PHILIPPINES, 2007-2011

Crop	2007	2008	2009	2010	2011
BEARING TREES (no.)					
Banana	250,538,983	264,356,573	271,047,238	276,405,963	279,512,164
Cavendish	*92,933,070*	*105,089,123*	*109,301,924*	*112,902,991*	*114,192,836*
Lacatan	*29,245,115*	*29,843,193*	*31,384,421*	*31,804,423*	*32,216,833*
Saba	*76,843,550*	*77,109,265*	*77,905,041*	*78,584,660*	*79,570,508*
Cacao	4,050,124	3,942,957	3,926,033	3,908,457	3,863,221
Calamansi	9,056,933	9,216,422	9,115,380	9,163,050	9,402,373
Cashew	3,496,379	3,491,813	3,480,231	3,783,210	3,775,938
Coconut	338,724,352	339,357,206	340,882,817	341,020,368	340,088,945
Coffee	86,214,597	85,757,726	85,064,363	84,544,625	83,146,310
Arabica	*13,982,479*	*13,957,631*	*13,908,200*	*13,999,774*	*13,728,806*
Excelsa	*6,324,887*	*6,239,477*	*5,959,635*	*5,897,929*	*5,631,268*
Liberica	*992,237*	*980,529*	*951,038*	*933,034*	*911,290*
Robusta	*64,685,812*	*64,350,923*	*64,018,201*	*63,488,968*	*62,874,945*
Durian	649,947	638,854	649,853	774,772	724,450
Lanzones	1,964,576	2,012,620	2,042,666	2,131,196	2,135,939
Mandarin	1,199,671	1,160,260	1,155,686	1,161,392	1,141,417
Mango	8,115,899	8,171,854	8,335,951	8,526,816	8,606,709
Carabao	*5,841,197*	*5,880,136*	*6,029,318*	*6,228,015*	*6,333,898*
Mangosteen	192,355	206,884	209,254	209,740	210,895
Orange	229,281	204,306	202,059	199,128	189,096
Papaya	5,599,575	5,670,826	5,528,962	5,549,324	5,440,347
Rambutan	407,939	411,808	416,805	429,293	427,941
Rubber	35,030,731	37,030,656	37,212,359	39,369,228	42,063,221
Tamarind Fruit	154,331	151,398	148,700	145,344	142,590
PLANTING DENSITY (Btrees/ha)					
Banana	574	603	607	615	621
Cavendish	*1,256*	*1,398*	*1,409*	*1,418*	*1,423*
Lacatan	*550*	*557*	*558*	*562*	*565*
Saba	*420*	*421*	*421*	*423*	*427*
Cacao	406	404	412	413	403
Calamansi	441	440	436	437	445
Cashew	127	127	127	135	134
Coconut	101	100	100	95	95
Coffee	695	696	694	696	695
Arabica	*699*	*699*	*700*	*713*	*709*
Excelsa	*609*	*613*	*615*	*616*	*616*
Liberica	*657*	*657*	*659*	*662*	*661*
Robusta	*706*	*706*	*702*	*703*	*700*
Durian	38	35	35	41	38
Lanzones	98	99	100	104	104
Mandarin	125	121	122	125	125
Mango	44	44	44	45	46
Carabao	*41*	*41*	*41*	*42*	*44*
Mangosteen	97	93	92	92	91
Orange	126	122	122	122	122
Papaya	614	618	621	634	629
Rambutan	72	73	73	75	73
Rubber	316	300	290	284	260
Tamarind Fruit	57	56	56	56	56
YIELD PER BEARING TREE/HILLS (kg)					
Banana	29.87	32.86	33.25	32.93	32.79
Cavendish	*35.76* R/	*41.19* R/	*41.15*	*40.75*	*41.04*
Lacatan	*29.93*	*29.85*	*29.22*	*28.98*	*28.77*
Saba	*31.05*	*32.77*	*33.84*	*33.50*	*32.89*
Cacao	1.29	1.31	1.31	1.28	1.26
Calamansi	22.26	21.67	21.08	20.55	19.42
Cashew	32.19	32.17	32.18	35.60	35.33
Coconut	43.85	45.14	45.96	45.48	44.83
Coffee	1.14	1.14	1.13	1.12	1.06
Arabica	*1.41*	*1.41*	*1.41*	*1.39*	*1.38*
Excelsa	*1.13*	*1.08*	*1.10*	*1.08*	*1.05*
Liberica	*0.68* R/	*0.68* R/	*0.69*	*0.68*	*0.69*
Robusta	*1.08*	*1.09*	*1.08*	*1.07*	*1.00*
Durian	112.70	80.46	85.75	100.09	81.40
Lanzones	29.65	3.68	7.51	23.23	1.99
Mandarin	21.07	19.60	17.63	16.17	15.50
Mango	126.16	108.18	92.54	96.83	91.57
Carabao	*141.82*	*121.16*	*103.04*	*107.50*	*100.88*
Mangosteen	24.34	4.18	7.49	26.47	3.24
Orange	22.45	23.83	23.08	21.78	21.07
Papaya	29.33	32.25	31.95	29.91	29.03
Rambutan	36.56	20.77	22.64	29.68	14.65
Rubber	11.53	11.10	10.51	10.04	10.12
Tamarind Fruit	76.49	73.00	73.00	67.67	56.96

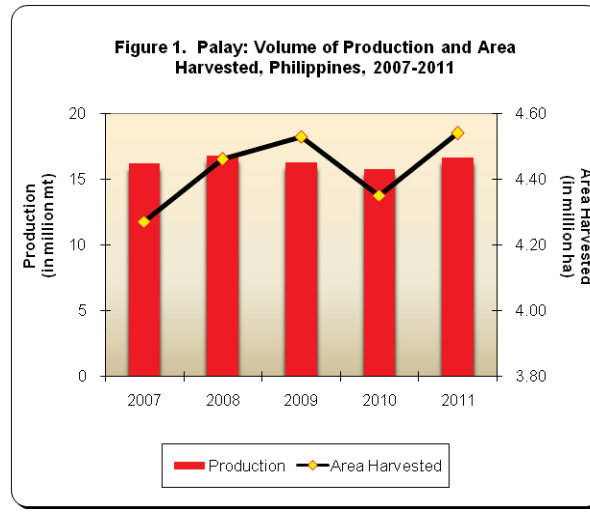
R/ - Revised

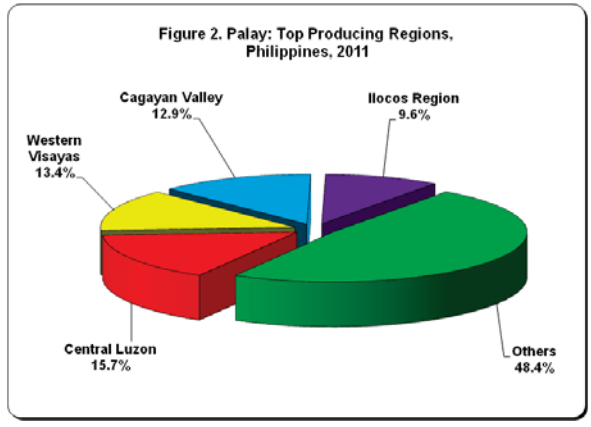
II. REGIONAL STATISTICS
A. CEREALS

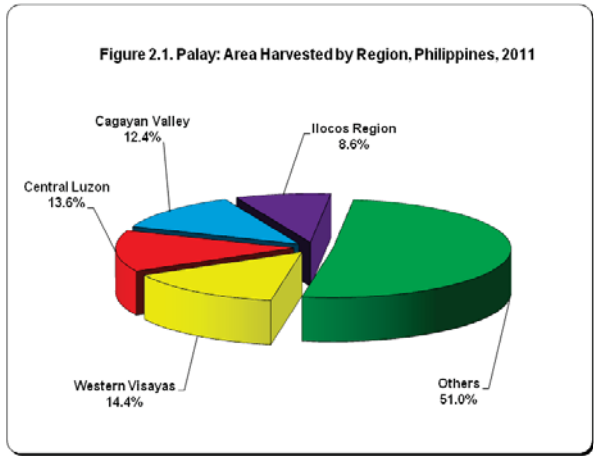
HIGHLIGHTS

PALAY

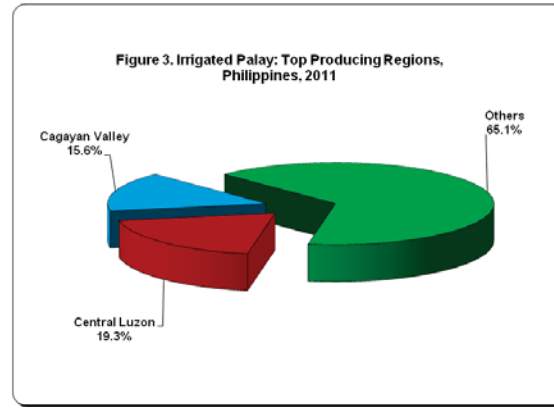
The country's palay production over the last five (5) years grew by an average of 0.68 percent annually. From 16.24 million mt in 2007, production went up to 16.68 million mt in 2011. In particular, production in 2011 was 5.8 percent higher in 2010. There was an increase of 182 thousand hectares or by 4.2 percent in harvest area (Figure 1). Central Luzon, Western Visayas, Cagayan Valley, and Ilocos Region were the top producers with a combined output of 8.61 million mt or 51.6 percent of the country's production in 2011 (Figure 2). Area harvested from these regions represented 49.0 percent of the national total of 4.54 million hectares (Figure 2.1).

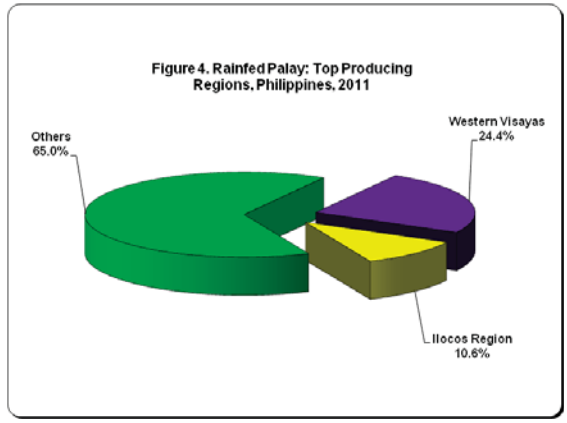






In irrigated areas, palay production was 12.36 million mt. Central Luzon posted the highest product-- ion at 2.39 million mt. Cagayan Valley tailed behind at 1.92 million mt. These regions accounted for 34.9 percent of the total irrigated palay production in 2011 (Figure 3).





In rainfed areas, Western Visayas was the top producer with 4.33 million mt or 24.4 percent of the total rainfed palay output. Ilocos Region followed with 10.6 percent share (Figure 4).

Table 2.1 PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**16,240,194**	**16,815,548**	**16,266,417**	**15,772,319**	**16,684,062**
CAR	436,311	445,156	431,656	400,415	428,949
Ilocos Region	1,642,301	1,691,629	1,351,715	1,558,373	1,602,814
Cagayan Valley	2,025,245	2,080,240	2,077,036	1,745,722	2,144,766
Central Luzon	2,942,113	3,014,347	2,805,467	2,958,415	2,616,083
CALABARZON	391,418	428,085	383,035	390,189	399,193
MIMAROPA	877,180	863,215	930,674	857,532	981,669
Bicol Region	991,430	997,581	1,045,501	1,081,078	1,070,917
Western Visayas	1,992,426	2,117,598	2,205,071	1,789,693	2,245,038
Central Visayas	251,802	311,801	276,818	270,449	322,862
Eastern Visayas	948,827	1,030,621	952,220	964,145	984,017
Zamboanga Peninsula	553,759	551,310	565,764	552,645	622,203
Northern Mindanao	501,892	551,246	583,297	586,442	610,990
Davao Region	427,184	418,954	423,825	402,811	416,543
SOCCSKSARGEN	1,186,688	1,234,757	1,229,040	1,185,196	1,244,148
Caraga	455,838	447,317	425,551	405,871	416,997
ARMM	615,780	631,691	579,747	623,343	576,873
Area Harvested (ha)					
PHILIPPINES	**4,272,889**	**4,459,977**	**4,532,310**	**4,354,161**	**4,536,642**
CAR	118,135	119,816	119,368	117,057	118,779
Ilocos Region	377,361	388,763	389,339	394,110	392,417
Cagayan Valley	501,943	536,916	533,315	506,351	562,806
Central Luzon	640,913	666,309	664,121	681,901	616,887
CALABARZON	104,714	112,120	107,038	104,124	114,186
MIMAROPA	247,803	254,403	271,901	262,384	270,751
Bicol Region	286,374	290,718	313,602	316,804	318,361
Western Visayas	601,595	646,197	669,306	541,253	654,185
Central Visayas	97,507	105,154	102,927	101,875	106,824
Eastern Visayas	260,386	276,573	272,611	275,691	284,933
Zamboanga Peninsula	148,278	145,314	153,743	145,070	158,424
Northern Mindanao	129,249	137,276	147,270	143,324	152,410
Davao Region	97,487	95,252	96,168	95,901	100,683
SOCCSKSARGEN	328,341	346,403	349,668	329,817	343,620
Caraga	133,444	138,259	137,173	130,867	141,852
ARMM	199,359	200,504	204,760	207,632	199,524
Yield Per Hectare (mt)					
PHILIPPINES	**3.80**	**3.77**	**3.59**	**3.62**	**3.68**
CAR	3.69	3.72	3.62	3.42	3.61
Ilocos Region	4.35	4.35	3.47	3.95	4.08
Cagayan Valley	4.03	3.87	3.89	3.45	3.81
Central Luzon	4.59	4.52	4.22	4.34	4.24
CALABARZON	3.74	3.82	3.58	3.75	3.50
MIMAROPA	3.54	3.39	3.42	3.27	3.63
Bicol Region	3.46	3.43	3.33	3.41	3.36
Western Visayas	3.31	3.28	3.29	3.31	3.43
Central Visayas	2.58	2.97	2.69	2.65	3.02
Eastern Visayas	3.64	3.73	3.49	3.50	3.45
Zamboanga Peninsula	3.73	3.79	3.68	3.81	3.93
Northern Mindanao	3.88	4.02	3.96	4.09	4.01
Davao Region	4.38	4.40	4.41	4.20	4.14
SOCCSKSARGEN	3.61	3.56	3.51	3.59	3.62
Caraga	3.42	3.24	3.10	3.10	2.94
ARMM	3.09	3.15	2.83	3.00	2.89

Table 2.2 IRRIGATED PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**12,269,390**	**12,556,150**	**12,083,264**	**11,992,459**	**12,358,931**
CAR	363,248	372,282	362,841	335,343	364,657
Ilocos Region	1,078,029	1,113,627	929,064	1,108,293	1,144,248
Cagayan Valley	1,826,454	1,872,024	1,842,549	1,633,085	1,924,301
Central Luzon	2,628,489	2,710,433	2,537,528	2,712,810	2,386,583
CALABARZON	314,735	340,836	301,253	320,595	320,479
MIMAROPA	552,042	536,497	596,159	594,515	666,073
Bicol Region	759,873	724,258	739,995	791,987	735,577
Western Visayas	1,157,896	1,240,210	1,247,237	1,007,228	1,188,422
Central Visayas	167,168	192,239	170,058	175,798	205,841
Eastern Visayas	593,218	631,886	573,225	562,586	568,222
Zamboanga Peninsula	360,246	374,836	383,143	376,603	408,745
Northern Mindanao	466,022	507,939	531,605	535,695	551,111
Davao Region	387,140	378,087	386,390	367,215	378,753
SOCCSKSARGEN	992,386	998,390	996,995	985,124	1,017,609
Caraga	326,401	312,206	291,256	282,251	281,702
ARMM	296,043	250,400	193,966	203,331	216,608
Area Harvested (ha)					
PHILIPPINES	**2,917,012**	**3,032,638**	**3,055,763**	**3,008,325**	**3,072,637**
CAR	90,817	93,011	93,265	91,265	93,043
Ilocos Region	237,839	247,034	255,564	260,757	263,633
Cagayan Valley	428,617	454,715	447,183	441,583	479,036
Central Luzon	556,385	580,358	579,905	599,573	544,198
CALABARZON	75,511	80,024	75,124	79,494	83,111
MIMAROPA	139,477	145,603	163,113	166,012	174,752
Bicol Region	196,373	192,774	206,060	216,256	203,609
Western Visayas	308,409	337,176	336,549	273,564	314,768
Central Visayas	51,618	54,787	54,083	57,465	59,679
Eastern Visayas	122,677	131,398	130,847	129,254	134,126
Zamboanga Peninsula	86,920	89,685	93,404	89,362	93,712
Northern Mindanao	117,720	122,654	130,154	127,005	132,270
Davao Region	83,822	82,975	84,575	84,309	88,219
SOCCSKSARGEN	259,508	267,169	267,034	257,958	263,305
Caraga	89,876	89,273	85,932	84,980	88,264
ARMM	71,443	64,002	52,971	49,488	56,912
Yield Per Hectare (mt)					
PHILIPPINES	**4.21**	**4.14**	**3.95**	**3.99**	**4.02**
CAR	4.00	4.00	3.89	3.67	3.92
Ilocos Region	4.53	4.51	3.64	4.25	4.34
Cagayan Valley	4.26	4.12	4.12	3.70	4.02
Central Luzon	4.72	4.67	4.38	4.52	4.39
CALABARZON	4.17	4.26	4.01	4.03	3.86
MIMAROPA	3.96	3.68	3.65	3.58	3.81
Bicol Region	3.87	3.76	3.59	3.66	3.61
Western Visayas	3.75	3.68	3.71	3.68	3.78
Central Visayas	3.24	3.51	3.14	3.06	3.45
Eastern Visayas	4.84	4.81	4.38	4.35	4.24
Zamboanga Peninsula	4.14	4.18	4.10	4.21	4.36
Northern Mindanao	3.96	4.14	4.08	4.22	4.17
Davao Region	4.62	4.56	4.57	4.36	4.29
SOCCSKSARGEN	3.82	3.74	3.73	3.82	3.86
Caraga	3.63	3.50	3.39	3.32	3.19
ARMM	4.14	3.91	3.66	4.11	3.81

Table 2.3 RAINFED PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**3,970,804**	**4,259,398**	**4,183,153**	**3,779,860**	**4,325,131**
CAR	73,063	72,874	68,815	65,072	64,292
Ilocos Region	564,272	578,002	422,651	450,080	458,566
Cagayan Valley	198,791	208,216	234,487	112,637	220,465
Central Luzon	313,624	303,914	267,939	245,605	229,500
CALABARZON	76,683	87,249	81,782	69,594	78,714
MIMAROPA	325,138	326,718	334,515	263,017	315,596
Bicol Region	231,557	273,323	305,506	289,091	335,340
Western Visayas	834,530	877,388	957,834	782,465	1,056,616
Central Visayas	84,634	119,562	106,760	94,651	117,021
Eastern Visayas	355,609	398,735	378,995	401,559	415,795
Zamboanga Peninsula	193,513	176,474	182,621	176,042	213,458
Northern Mindanao	35,870	43,307	51,692	50,747	59,879
Davao Region	40,044	40,867	37,435	35,596	37,790
SOCCSKSARGEN	194,302	236,367	232,045	200,072	226,539
Caraga	129,437	135,111	134,295	123,620	135,295
ARMM	319,737	381,291	385,781	420,012	360,265
Area Harvested (ha)					
PHILIPPINES	**1,355,877**	**1,427,339**	**1,476,547**	**1,345,836**	**1,464,005**
CAR	27,318	26,805	26,103	25,792	25,736
Ilocos Region	139,522	141,729	133,775	133,353	128,784
Cagayan Valley	73,326	82,201	86,132	64,768	83,770
Central Luzon	84,528	85,951	84,216	82,328	72,689
CALABARZON	29,203	32,096	31,914	24,630	31,075
MIMAROPA	108,326	108,800	108,788	96,372	95,999
Bicol Region	90,001	97,944	107,542	100,548	114,752
Western Visayas	293,186	309,021	332,757	267,689	339,417
Central Visayas	45,889	50,367	48,844	44,410	47,145
Eastern Visayas	137,709	145,175	141,764	146,437	150,807
Zamboanga Peninsula	61,358	55,629	60,339	55,708	64,712
Northern Mindanao	11,529	14,622	17,116	16,319	20,140
Davao Region	13,665	12,277	11,593	11,592	12,464
SOCCSKSARGEN	68,833	79,234	82,634	71,859	80,315
Caraga	43,568	48,986	51,241	45,887	53,588
ARMM	127,916	136,502	151,789	158,144	142,612
Yield Per Hectare (mt)					
PHILIPPINES	**2.93**	**2.98**	**2.83**	**2.81**	**2.95**
CAR	2.67	2.72	2.64	2.52	2.50
Ilocos Region	4.04	4.08	3.16	3.38	3.56
Cagayan Valley	2.71	2.53	2.72	1.74	2.63
Central Luzon	3.71	3.54	3.18	2.98	3.16
CALABARZON	2.63	2.72	2.56	2.83	2.53
MIMAROPA	3.00	3.00	3.07	2.73	3.29
Bicol Region	2.57	2.79	2.84	2.88	2.92
Western Visayas	2.85	2.84	2.88	2.92	3.11
Central Visayas	1.84	2.37	2.19	2.13	2.48
Eastern Visayas	2.58	2.75	2.67	2.74	2.76
Zamboanga Peninsula	3.15	3.17	3.03	3.16	3.30
Northern Mindanao	3.11	2.96	3.02	3.11	2.97
Davao Region	2.93	3.33	3.23	3.07	3.03
SOCCSKSARGEN	2.82	2.98	2.81	2.78	2.82
Caraga	2.97	2.76	2.62	2.69	2.52
ARMM	2.50	2.79	2.54	2.66	2.53

HIGHLIGHTS

CORN

Corn production went up from 6.74 million mt in 2007 to 6.97 million mt in 2011. It recorded an average annual growth of 0.35 percent. The 2011 production was 9.32 percent higher than in 2010. There was 45.6 thousand hectares or 1.8 percent growth in harvest area (Figure 5). The major producing regions were Cagayan Valley, Northern Mindanao, and SOCCSKSARGEN which together generated 57.2 percent of the national corn production (Figure 6). Total area harvested from these regions accounted for 47.7 percent of the national total of 2.54 million hectares (Figure 6.1).

Figure 5. Corn: Volume of Production and Area Harvested, Philippines, 2007-2011

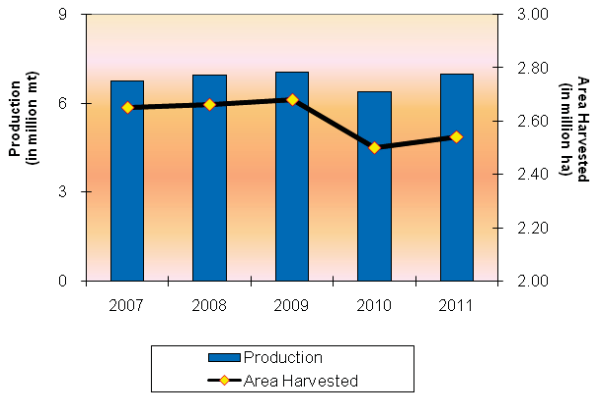
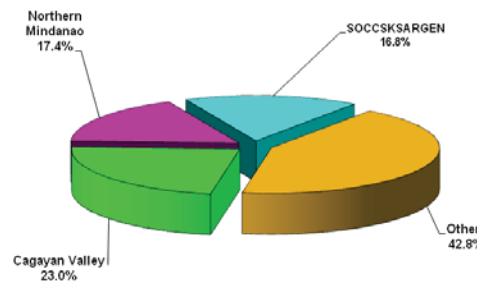
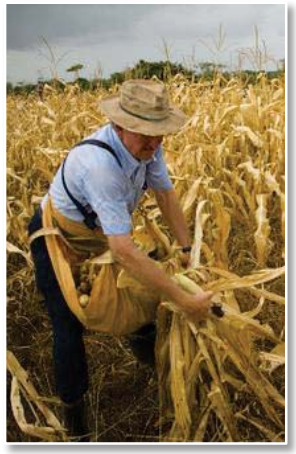
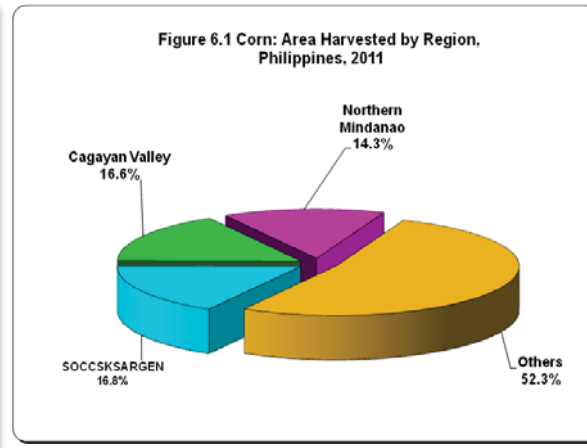
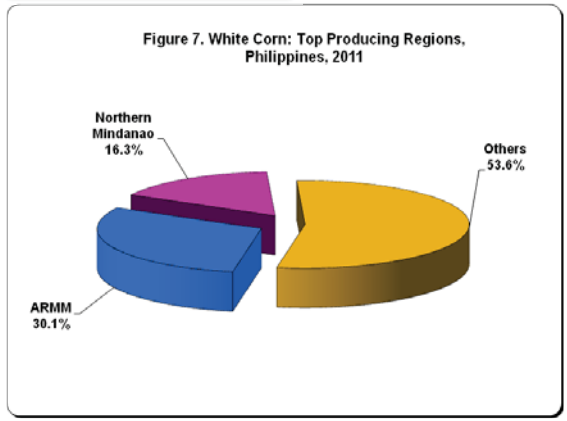


Figure 6. Corn: Top Producing Regions, Philippines, 2011









White corn production was highest in ARMM at 647.9 thousand mt or 30.1% of the country's total white corn production. Northern Mindanao followed with 349.8 thousand mt or 16.3 percent of the country's output (Figure 7).

Yellow corn production was highest in Cagayan Valley at 1.54 million mt or with 32 percent of the national production. SOCCSKSARGEN followed with 916.7 thousand mt or 19 percent share on the country's total yellow corn production (Figure 8).

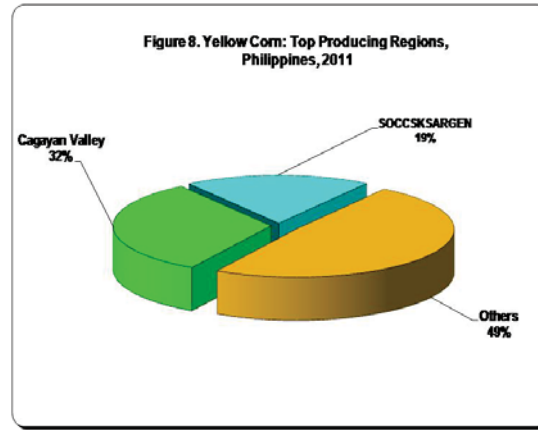


Table 2.4 CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**6,736,940**	**6,928,225**	**7,034,033**	**6,376,796**	**6,971,221**
CAR	175,582	196,421	201,773	172,195	218,788
Ilocos Region	335,575	363,662	351,103	358,445	387,882
Cagayan Valley	1,281,309	1,476,879	1,598,198	1,263,614	1,601,687
Central Luzon	198,590	225,915	217,245	197,890	188,494
CALABARZON	66,249	60,319	51,949	60,209	57,557
MIMAROPA	114,715	110,088	103,906	67,712	84,173
Bicol Region	195,826	202,675	197,116	174,479	215,025
Western Visayas	314,507	350,259	272,844	247,997	309,915
Central Visayas	199,420	175,260	186,479	178,413	177,297
Eastern Visayas	88,252	96,594	94,821	90,215	83,992
Zamboanga Peninsula	219,679	181,809	177,248	195,349	200,091
Northern Mindanao	1,048,344	1,127,564	1,170,624	1,153,239	1,212,208
Davao Region	354,247	286,410	225,078	202,354	191,213
SOCCSKSARGEN	1,123,584	1,117,781	1,146,629	1,064,448	1,170,554
Caraga	126,037	99,916	88,591	94,571	75,684
ARMM	895,024	856,673	950,429	855,666	796,661
Area Harvested (ha)					
PHILIPPINES	**2,648,317**	**2,661,021**	**2,683,890**	**2,499,040**	**2,544,612**
CAR	50,087	52,698	55,212	48,991	56,051
Ilocos Region	72,115	74,460	73,153	75,342	77,183
Cagayan Valley	369,159	390,537	417,121	364,723	422,095
Central Luzon	43,935	48,307	45,749	42,977	38,836
CALABARZON	32,618	34,451	35,204	29,687	31,858
MIMAROPA	38,834	38,111	31,367	22,984	26,463
Bicol Region	89,513	100,274	106,715	101,812	108,243
Western Visayas	130,949	142,448	125,769	112,502	122,216
Central Visayas	248,902	236,248	231,473	215,980	212,438
Eastern Visayas	63,145	65,756	68,463	64,672	60,950
Zamboanga Peninsula	154,101	129,061	135,850	142,559	132,407
Northern Mindanao	369,839	383,695	381,373	365,955	364,059
Davao Region	196,848	188,362	174,674	153,282	149,081
SOCCSKSARGEN	418,594	430,221	430,182	405,644	427,050
Caraga	57,514	50,470	39,520	39,601	31,554
ARMM	312,164	295,922	332,065	312,329	284,128
Yield Per Hectare (mt)					
PHILIPPINES	**2.54**	**2.60**	**2.62**	**2.55**	**2.74**
CAR	3.51	3.73	3.65	3.51	3.90
Ilocos Region	4.65	4.88	4.80	4.76	5.03
Cagayan Valley	3.47	3.78	3.83	3.46	3.79
Central Luzon	4.52	4.68	4.75	4.60	4.85
CALABARZON	2.03	1.75	1.48	2.03	1.81
MIMAROPA	2.95	2.89	3.31	2.95	3.18
Bicol Region	2.19	2.02	1.85	1.71	1.99
Western Visayas	2.40	2.46	2.17	2.20	2.54
Central Visayas	0.80	0.74	0.81	0.83	0.83
Eastern Visayas	1.40	1.47	1.38	1.39	1.38
Zamboanga Peninsula	1.43	1.41	1.30	1.37	1.51
Northern Mindanao	2.83	2.94	3.07	3.15	3.33
Davao Region	1.80	1.52	1.29	1.32	1.28
SOCCSKSARGEN	2.68	2.60	2.67	2.62	2.74
Caraga	2.19	1.98	2.24	2.39	2.40
ARMM	2.87	2.89	2.86	2.74	2.80

Table 2.5 WHITE CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**2,527,633**	**2,254,567**	**2,316,434**	**2,169,103**	**2,150,222**
CAR	21,520	15,224	16,688	15,677	20,147
Ilocos Region	57,266	57,377	53,331	47,413	52,753
Cagayan Valley	64,618	64,368	71,298	50,907	56,787
Central Luzon	20,520	23,458	19,100	22,948	21,321
CALABARZON	30,996	31,084	28,684	35,665	32,717
MIMAROPA	11,851	11,032	15,430	10,654	14,438
Bicol Region	46,745	49,746	50,728	45,564	47,208
Western Visayas	64,319	73,684	58,515	54,249	67,512
Central Visayas	183,695	165,387	180,735	176,985	176,025
Eastern Visayas	80,185	86,634	82,428	77,580	71,228
Zamboanga Peninsula	188,463	150,399	145,074	163,986	149,950
Northern Mindanao	358,259	381,578	382,661	372,834	349,754
Davao Region	234,094	188,007	176,406	166,414	153,555
SOCCSKSARGEN	379,165	297,311	287,903	246,574	253,808
Caraga	86,994	66,161	54,820	48,908	35,110
ARMM	698,943	593,117	692,633	632,745	647,909
Area Harvested (ha)					
PHILIPPINES	**1,469,327**	**1,367,410**	**1,402,845**	**1,338,943**	**1,283,701**
CAR	11,395	8,759	8,856	8,350	8,538
Ilocos Region	18,227	18,044	16,980	15,825	16,410
Cagayan Valley	27,871	26,045	28,453	24,442	24,619
Central Luzon	9,582	10,243	9,496	10,673	9,910
CALABARZON	16,352	19,538	22,242	18,789	19,104
MIMAROPA	7,566	6,665	7,324	6,431	7,277
Bicol Region	48,973	52,314	58,977	55,873	56,249
Western Visayas	47,186	51,930	47,282	43,980	48,944
Central Visayas	240,010	229,946	228,429	215,342	211,863
Eastern Visayas	57,989	59,958	61,405	57,439	53,750
Zamboanga Peninsula	142,632	117,140	122,980	131,786	116,766
Northern Mindanao	203,534	199,490	192,053	188,112	177,031
Davao Region	159,206	153,433	156,453	139,643	135,161
SOCCSKSARGEN	174,765	152,362	153,429	140,535	136,648
Caraga	46,774	41,185	31,001	28,902	22,007
ARMM	257,265	220,358	257,485	252,821	239,424
Yield Per Hectare (mt)					
PHILIPPINES	**1.72**	**1.65**	**1.65**	**1.62**	**1.68**
CAR	1.89	1.74	1.88	1.88	2.36
Ilocos Region	3.14	3.18	3.14	3.00	3.21
Cagayan Valley	2.32	2.47	2.51	2.08	2.31
Central Luzon	2.14	2.29	2.01	2.15	2.15
CALABARZON	1.90	1.59	1.29	1.90	1.71
MIMAROPA	1.57	1.66	2.11	1.66	1.98
Bicol Region	0.95	0.95	0.86	0.82	0.84
Western Visayas	1.36	1.42	1.24	1.23	1.38
Central Visayas	0.77	0.72	0.79	0.82	0.83
Eastern Visayas	1.38	1.44	1.34	1.35	1.33
Zamboanga Peninsula	1.32	1.28	1.18	1.24	1.28
Northern Mindanao	1.76	1.91	1.99	1.98	1.98
Davao Region	1.47	1.23	1.13	1.19	1.14
SOCCSKSARGEN	2.17	1.95	1.88	1.75	1.86
Caraga	1.86	1.61	1.77	1.69	1.60
ARMM	2.72	2.69	2.69	2.50	2.71

Table 2.6 YELLOW CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**4,209,307**	**4,673,658**	**4,717,599**	**4,207,693**	**4,820,999**
CAR	154,062	181,197	185,085	156,518	198,641
Ilocos Region	278,309	306,285	297,772	311,032	335,129
Cagayan Valley	1,216,691	1,412,511	1,526,900	1,212,707	1,544,900
Central Luzon	178,070	202,457	198,145	174,942	167,173
CALABARZON	35,253	29,235	23,265	24,544	24,840
MIMAROPA	102,864	99,056	88,476	57,058	69,735
Bicol Region	149,081	152,929	146,388	128,915	167,817
Western Visayas	250,188	276,575	214,329	193,748	242,403
Central Visayas	15,725	9,873	5,744	1,428	1,272
Eastern Visayas	8,067	9,960	12,393	12,635	12,764
Zamboanga Peninsula	31,216	31,410	32,174	31,363	50,141
Northern Mindanao	690,085	745,986	787,963	780,405	862,454
Davao Region	120,153	98,403	48,672	35,940	37,658
SOCCSKSARGEN	744,419	820,470	858,726	817,874	916,746
Caraga	39,043	33,755	33,771	45,663	40,574
ARMM	196,081	263,556	257,796	222,921	148,752
Area Harvested (ha)					
PHILIPPINES	**1,178,990**	**1,293,611**	**1,281,045**	**1,160,097**	**1,260,911**
CAR	38,692	43,939	46,356	40,641	47,513
Ilocos Region	53,888	56,416	56,173	59,517	60,773
Cagayan Valley	341,288	364,492	388,668	340,281	397,476
Central Luzon	34,353	38,064	36,253	32,304	28,926
CALABARZON	16,266	14,913	12,962	10,898	12,754
MIMAROPA	31,268	31,446	24,043	16,553	19,186
Bicol Region	40,540	47,960	47,738	45,939	51,994
Western Visayas	83,763	90,518	78,487	68,522	73,272
Central Visayas	8,892	6,302	3,044	638	575
Eastern Visayas	5,156	5,798	7,058	7,233	7,200
Zamboanga Peninsula	11,469	11,921	12,870	10,773	15,641
Northern Mindanao	166,305	184,205	189,320	177,843	187,028
Davao Region	37,642	34,929	18,221	13,639	13,920
SOCCSKSARGEN	243,829	277,859	276,753	265,109	290,402
Caraga	10,740	9,285	8,519	10,699	9,547
ARMM	54,899	75,564	74,580	59,508	44,704
Yield Per Hectare (mt)					
PHILIPPINES	**3.57**	**3.61**	**3.68**	**3.63**	**3.82**
CAR	3.98	4.12	3.99	3.85	4.18
Ilocos Region	5.16	5.43	5.30	5.23	5.51
Cagayan Valley	3.56	3.88	3.93	3.56	3.89
Central Luzon	5.18	5.32	5.47	5.42	5.78
CALABARZON	2.17	1.96	1.79	2.25	1.95
MIMAROPA	3.29	3.15	3.68	3.45	3.63
Bicol Region	3.68	3.19	3.07	2.81	3.23
Western Visayas	2.99	3.06	2.73	2.83	3.31
Central Visayas	1.77	1.57	1.89	2.24	2.21
Eastern Visayas	1.56	1.72	1.76	1.75	1.77
Zamboanga Peninsula	2.72	2.63	2.50	2.91	3.21
Northern Mindanao	4.15	4.05	4.16	4.39	4.61
Davao Region	3.19	2.82	2.67	2.64	2.71
SOCCSKSARGEN	3.05	2.95	3.10	3.09	3.16
Caraga	3.64	3.64	3.96	4.27	4.25
ARMM	3.57	3.49	3.46	3.75	3.33

B. FRUIT CROPS

HIGHLIGHTS

BANANA

From 2007 to 2011, banana production registered an annual average growth of 5.20 percent (Figure 1). During the same reference period, area planted and number of bearing hills grew by 0.81 percent and 2.77 percent, respectively.

The 2011 output at 9,165 thousand mt was higher by 0.70 percent from the 2010 level. The increase in production was attributed to additional area planted, increase in number of bearing hills harvested in Davao Region, Northern Mindanao and SOCCSKSARGEN. Also, bigger bunches were harvested in MIMAROPA, Western Visayas and ARMM.

Davao Region, Northern Mindanao and SOCCSKSARGEN were the major producers. These regions accounted to 73 percent of the country's banana production (Figure 2).

Figure 1. Banana: Volume of production, area planted and number of bearing hills, Philippines, 2007-2011

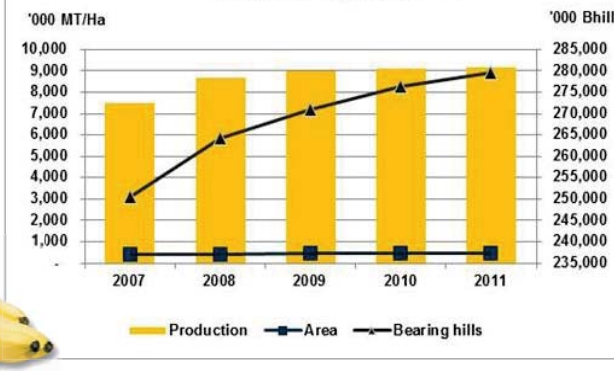
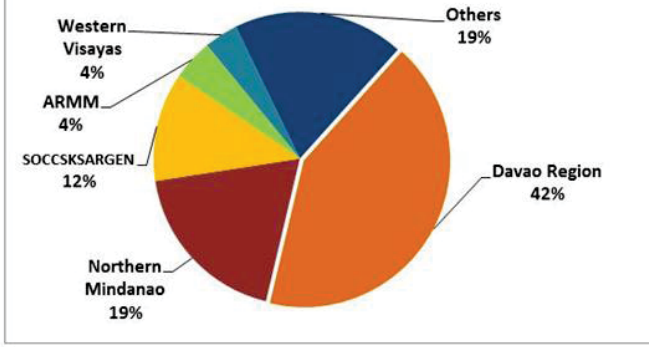


Figure 2. Banana: Top producing regions , Philippines, 2011



Across varieties, Cavendish variety shared about 51 percent of the total banana production followed by saba (Figure 3).

Davao Region registered the largest area planted at 88,379 hectares which comprised 20 percent of the country's total area devoted to banana.

Figure 3. Banana: Percent distribution by variety, Philippines, 2011

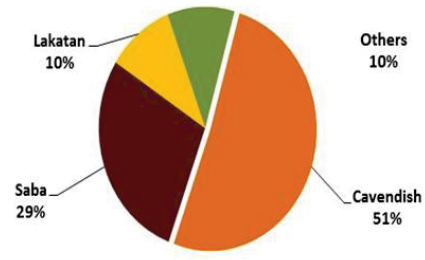
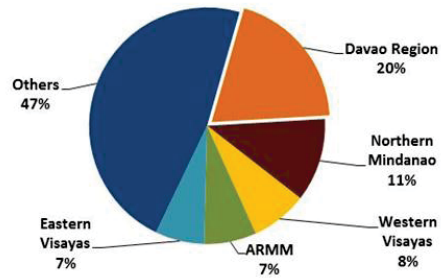


Figure 4. Banana: Distribution of area planted by region, Philippines, 2011



Cavendish variety. Annual production of this variety grew by an average of 8.97 percent from 2007 to 2011. During this reference period, area planted expanded by 2.04 percent and the number of bearing hills at 5.29 percent.

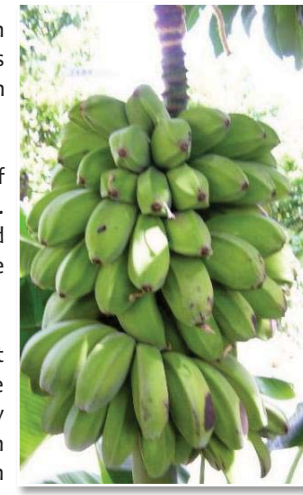
In 2011, the Cavendish production recorded at 4,686 thousand mt was higher by 1.86 percent from the 2010 level. This was due to increase of area planted and number of bearing hills harvested in the major producing regions, namely: Davao Region, Northern Mindanao and SOCCSKSARGEN where most plantation farms were located. These regions shared about 97 percent of the country's Cavendish production.

Davao Region remained the major producer and accounted 63 percent of total Cavendish production. Area planted was 48,741 hectares.

Lakatan variety. During the reference years, 2007 to 2011, production of lakatan variety grew by 1.44 percent yearly. Area planted and number of bearing hills increased by 1.78 percent and 2.45 percent, respectively.

The output in 2011 was higher by 0.56 percent compared to the previous year's level. The growth was contributed to increase in number of bearing hills harvested in Northern Mindanao. Bigger fruits developed and lesser incidence of bunchy tops were noted in SOCCSKSARGEN and Davao Region, respectively.

SOCCSKSARGEN, Davao Region and Northern Mindanao were the top three producers. These regions accounted for 66 percent of the total lakatan production.



Saba variety. From 2007 to 2011, production of saba variety went up by an average of 2.34 percent. Area planted and number of bearing hills posted growth rates of less than one percent during the same reference period.

In 2011, saba production was 2,617 thousand mt down by 0.60 percent from the 2010 record. The reduction was the result of damages brought by typhoons Juan, Pedring and Quiel that hit Cagayan Valley. Infestation mosaic disease was also noted in Zamboanga Peninsula.

Davao Region, SOCCSKSARGEN and Northern Mindanao were the top producers which contributed 46 percent to the total saba production in the country.

Table 3.1 BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**7,484,073**	**8,687,624**	**9,013,186**	**9,101,341**	**9,165,046**
CAR	26,786	26,700	26,981	25,669	25,083
Ilocos Region	46,393	46,114	43,270	41,220	40,785
Cagayan Valley	386,928	378,201	419,406	368,074	269,193
Central Luzon	51,634	54,796	54,714	58,216	57,420
CALABARZON	101,682	105,366	109,406	105,842	113,588
MIMAROPA	188,588	196,096	204,745	210,383	223,794
Bicol Region	55,459	67,599	73,512	77,892	78,942
Western Visayas	331,646	328,171	334,507	332,178	344,588
Central Visayas	157,153	169,643	187,533	182,323	199,545
Eastern Visayas	246,144	269,133	275,425	278,306	277,173
Zamboanga Peninsula	247,271	253,667	261,081	263,643	238,309
Northern Mindanao	933,114	1,631,304	1,657,686	1,702,392	1,725,775
Davao Region	3,180,331	3,569,079	3,749,766	3,804,460	3,854,845
SOCCSKSARGEN	935,565	998,635	1,024,009	1,043,811	1,094,956
Caraga	222,703	219,636	209,399	210,393	204,140
ARMM	372,676	373,486	381,745	396,539	416,910
Area (ha)					
PHILIPPINES	**436,762**	**438,593**	**446,371**	**449,443**	**450,125**
CAR	5,056	4,956	4,864	4,842	4,864
Ilocos Region	7,889	7,863	7,818	7,615	7,538
Cagayan Valley	23,736	23,576	23,634	23,651	23,656
Central Luzon	6,290	6,305	6,291	6,295	6,273
CALABARZON	28,577	28,621	29,364	29,663	29,706
MIMAROPA	26,562	26,753	26,522	26,638	26,754
Bicol Region	18,751	18,754	18,694	18,809	18,777
Western Visayas	34,759	34,221	34,310	34,427	34,698
Central Visayas	21,086	21,097	21,500	21,541	21,536
Eastern Visayas	30,424	30,649	30,694	30,566	30,380
Zamboanga Peninsula	19,568	19,620	19,614	19,709	19,864
Northern Mindanao	49,750	49,903	50,527	51,519	51,452
Davao Region	78,647	80,221	86,302	87,313	88,379
SOCCSKSARGEN	28,794	29,101	28,876	29,243	29,284
Caraga	25,961	25,967	25,791	26,060	24,728
ARMM	30,913	30,988	31,570	31,552	32,237
Yield Per Hectare (mt)					
PHILIPPINES	**17.14**	**19.81**	**20.19**	**20.25**	**20.36**
CAR	5.30	5.39	5.55	5.30	5.16
Ilocos Region	5.88	5.86	5.53	5.41	5.41
Cagayan Valley	16.30	16.04	17.75	15.56	11.38
Central Luzon	8.21	8.69	8.70	9.25	9.15
CALABARZON	3.56	3.68	3.73	3.57	3.82
MIMAROPA	7.10	7.33	7.72	7.90	8.36
Bicol Region	2.96	3.60	3.93	4.14	4.20
Western Visayas	9.54	9.59	9.75	9.65	9.93
Central Visayas	7.45	8.04	8.72	8.46	9.27
Eastern Visayas	8.09	8.78	8.97	9.11	9.12
Zamboanga Peninsula	12.64	12.93	13.31	13.38	12.00
Northern Mindanao	18.76	32.69	32.81	33.04	33.54
Davao Region	40.44	44.49	43.45	43.57	43.62
SOCCSKSARGEN	32.49	34.32	35.46	35.69	37.39
Caraga	8.58	8.46	8.12	8.07	8.26
ARMM	12.06	12.05	12.09	12.57	12.93

Table 3.1a BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING HILLS (no.)					
PHILIPPINES	**250,538,983**	**264,356,573**	**271,047,238**	**276,405,963**	**279,512,164**
CAR	1,463,370	1,550,240	1,547,676	1,360,967	1,526,514
Ilocos Region	3,159,592	3,130,777	3,093,145	3,059,573	3,059,706
Cagayan Valley	14,976,443	14,883,540	14,858,599	14,287,350	13,245,237
Central Luzon	2,048,360	2,079,009	2,062,705	2,086,501	2,192,526
CALABARZON	8,839,673	9,024,617	9,089,691	9,089,171	9,839,430
MIMAROPA	10,486,808	10,749,567	10,780,269	11,030,711	11,121,999
Bicol Region	5,885,969	5,888,186	5,891,296	5,935,514	5,918,135
Western Visayas	15,499,620	15,482,180	14,902,646	14,901,113	15,192,508
Central Visayas	8,404,982	8,599,420	9,263,832	9,270,742	9,392,325
Eastern Visayas	9,341,678	9,387,494	9,470,574	9,597,416	9,533,797
Zamboanga Peninsula	7,140,254	7,139,955	7,048,624	7,195,658	7,340,259
Northern Mindanao	35,338,613	40,579,501	41,572,541	42,801,764	44,105,817
Davao Region	81,235,881	87,299,033	93,286,245	96,635,731	97,413,254
SOCCSKSARGEN	25,602,717	27,429,511	27,022,991	27,454,426	27,727,083
Caraga	9,579,749	9,455,483	9,392,270	9,462,289	9,212,590
ARMM	11,535,274	11,678,060	11,764,134	12,237,037	12,690,984
BEARING TREES PER HECTARE					
PHILIPPINES	**574**	**603**	**607**	**615**	**621**
CAR	289	313	318	281	314
Ilocos Region	401	398	396	402	406
Cagayan Valley	631	631	629	604	560
Central Luzon	326	330	328	331	350
CALABARZON	309	315	310	306	331
MIMAROPA	395	402	406	414	416
Bicol Region	314	314	315	316	315
Western Visayas	446	452	434	433	438
Central Visayas	399	408	431	430	436
Eastern Visayas	307	306	309	314	314
Zamboanga Peninsula	365	364	359	365	370
Northern Mindanao	710	813	823	831	857
Davao Region	1,033	1,088	1,081	1,107	1,102
SOCCSKSARGEN	889	943	936	939	947
Caraga	369	364	364	363	373
ARMM	373	377	373	388	394
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**29.87**	**32.86**	**33.25**	**32.93**	**32.79**
CAR	18.30	17.22	17.43	18.86	16.43
Ilocos Region	14.68	14.73	13.99	13.47	13.33
Cagayan Valley	25.84	25.41	28.23	25.76	20.32
Central Luzon	25.21	26.36	26.53	27.90	26.19
CALABARZON	11.50	11.68	12.04	11.64	11.54
MIMAROPA	17.98	18.24	18.99	19.07	20.12
Bicol Region	9.42	11.48	12.48	13.12	13.34
Western Visayas	21.40	21.20	22.45	22.29	22.68
Central Visayas	18.70	19.73	20.24	19.67	21.25
Eastern Visayas	26.35	28.67	29.08	29.00	29.07
Zamboanga Peninsula	34.63	35.53	37.04	36.64	32.47
Northern Mindanao	26.40	40.20	39.87	39.77	39.13
Davao Region	39.15	40.88	40.20	39.37	39.57
SOCCSKSARGEN	36.54	36.41	37.89	38.02	39.49
Caraga	23.25	23.23	22.29	22.23	22.16
ARMM	32.31	31.98	32.45	32.40	32.85

Table 3.1.1 CAVENDISH BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**3,323,072**	**4,328,989**	**4,497,722**	**4,600,617**	**4,685,997**
CAR					
Ilocos Region					
Cagayan Valley			305	281	311
Central Luzon					
CALABARZON			149	107	805
MIMAROPA					
Bicol Region					
Western Visayas	1,591	1,568	1,558	1,552	1,589
Central Visayas	128	279	824	823	887
Eastern Visayas		55	190	192	189
Zamboanga Peninsula	194	197	187	169	157
Northern Mindanao	412,713	1,076,751	1,095,816	1,117,121	1,115,622
Davao Region	2,439,988	2,746,338	2,877,651	2,927,247	2,961,989
SOCCSKSARGEN	358,441	392,886	405,861	432,474	464,688
Caraga	13,768	14,527	14,674	14,739	20,486
ARMM	96,249	96,388	100,508	105,912	119,274
Area (ha)					
PHILIPPINES	**74,013**	**75,151**	**77,599**	**79,642**	**80,230**
CAR					
Ilocos Region					
Cagayan Valley	5	5	6	6	10
Central Luzon					
CALABARZON	2		25	44	44
MIMAROPA					
Bicol Region					
Western Visayas	142	145	146	148	159
Central Visayas	14	27	86	94	97
Eastern Visayas		15	34	34	34
Zamboanga Peninsula	31	30	30	30	29
Northern Mindanao	15,546	15,545	16,059	16,707	16,635
Davao Region	44,691	45,655	47,435	48,153	48,741
SOCCSKSARGEN	8,860	8,995	8,833	9,219	9,283
Caraga	557	569	580	842	804
ARMM	4,165	4,165	4,365	4,365	4,395
Yield Per Hectare (mt)					
PHILIPPINES	**44.90**	**57.60**	**57.96**	**57.77**	**58.41**
CAR					
Ilocos Region					
Cagayan Valley			50.83	46.83	31.14
Central Luzon					
CALABARZON			5.94	2.43	18.40
MIMAROPA					
Bicol Region					
Western Visayas	11.20	10.81	10.67	10.45	10.01
Central Visayas	9.14	10.34	9.58	8.76	9.14
Eastern Visayas		3.69	5.55	5.62	5.52
Zamboanga Peninsula	6.27	6.57	6.34	5.74	5.52
Northern Mindanao	26.55	69.27	68.24	66.87	67.06
Davao Region	54.60	60.15	60.67	60.79	60.77
SOCCSKSARGEN	40.46	43.68	45.95	46.91	50.06
Caraga	24.72	25.53	25.30	17.51	25.48
ARMM	23.11	23.14	23.03	24.26	27.14

Table 3.1.1a CAVENDISH BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING HILLS (no.)					
PHILIPPINES	**92,933,070**	**105,089,123**	**109,301,924**	**112,902,991**	**114,192,836**
CAR					
Ilocos Region					
Cagayan Valley			4,000	4,000	4,800
Central Luzon					
CALABARZON	300		19,000	19,000	34,700
MIMAROPA					
Bicol Region					
Western Visayas	63,830	63,780	63,856	64,498	64,939
Central Visayas	4,760	15,436	35,450	35,178	35,878
Eastern Visayas		3,296	17,504	18,175	18,180
Zamboanga Peninsula	7,559	7,609	6,289	7,079	6,609
Northern Mindanao	17,790,708	22,520,085	23,519,585	24,526,000	24,638,602
Davao Region	61,703,537	67,586,761	71,170,988	73,062,536	73,662,978
SOCCSKSARGEN	10,991,120	12,426,350	11,959,402	12,417,775	12,629,600
Caraga	441,356	441,056	453,200	491,100	838,900
ARMM	1,929,900	2,024,750	2,052,650	2,257,650	2,257,650
BEARING TREES PER HECTARE					
PHILIPPINES	**1,256**	**1,398**	**1,409**	**1,418**	**1,423**
CAR					
Ilocos Region					
Cagayan Valley			667	667	480
Central Luzon					
CALABARZON	150		760	432	793
MIMAROPA					
Bicol Region					
Western Visayas	450	440	437	434	409
Central Visayas	340	572	412	374	370
Eastern Visayas		220	512	531	531
Zamboanga Peninsula	244	254	213	240	232
Northern Mindanao	1,144	1,449	1,465	1,468	1,481
Davao Region	1,381	1,480	1,500	1,517	1,511
SOCCSKSARGEN	1,241	1,381	1,354	1,347	1,361
Caraga	792	775	781	583	1,043
ARMM	463	486	470	517	514
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**35.76 R/**	**41.19 R/**	**41.15**	**40.75**	**41.04**
CAR					
Ilocos Region					
Cagayan Valley			76.25	70.25	64.88
Central Luzon					
CALABARZON			7.82	5.64	23.20
MIMAROPA					
Bicol Region					
Western Visayas	24.92	24.59	24.41	24.06	24.47
Central Visayas	26.88	18.09	23.24	23.40	24.71
Eastern Visayas		16.81	10.83	10.57	10.38
Zamboanga Peninsula	25.71	25.91	29.76	23.90	23.80
Northern Mindanao	23.20	47.81	46.59	45.55	45.28
Davao Region	39.54	40.63	40.43	40.06	40.21
SOCCSKSARGEN	32.61	31.62	33.94	34.83	36.79
Caraga	31.19	32.94	32.38	30.01	24.42
ARMM	49.87	47.61	48.97	46.91	52.83

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Table 3.1.2 LACATAN BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**875,271**	**890,702**	**916,932**	**921,602**	**926,719**
CAR	4,846	4,804	4,930	4,318	4,231
Ilocos Region	1,135	1,095	1,005	931	932
Cagayan Valley	42,805	41,798	45,746	39,773	29,305
Central Luzon	11,635	12,829	12,854	13,200	13,140
CALABARZON	8,072	8,237	8,359	8,060	8,144
MIMAROPA	35,021	36,396	38,228	39,954	42,266
Bicol Region	2,632	3,362	3,554	3,720	3,727
Western Visayas	19,675	19,024	19,212	19,245	19,757
Central Visayas	11,189	12,515	14,690	14,310	16,556
Eastern Visayas	14,385	15,495	15,795	16,249	16,124
Zamboanga Peninsula	48,514	49,890	52,826	53,372	45,952
Northern Mindanao	145,588	152,631	154,704	164,923	166,313
Davao Region	187,303	188,762	205,200	207,496	219,874
SOCCSKSARGEN	225,881	228,537	225,388	219,189	223,141
Caraga	29,041	27,823	26,993	26,844	21,992
ARMM	87,549	87,503	87,449	90,015	95,264
Area (ha)					
PHILIPPINES	**53,155**	**53,591**	**56,252**	**56,579**	**57,032**
CAR	987	975	968	959	965
Ilocos Region	291	288	290	280	282
Cagayan Valley	3,207	3,207	3,226	3,231	3,214
Central Luzon	1,262	1,281	1,282	1,292	1,290
CALABARZON	2,423	2,438	2,418	2,423	2,406
MIMAROPA	4,912	4,945	4,964	4,986	5,028
Bicol Region	1,063	1,063	1,063	1,080	1,079
Western Visayas	1,752	1,730	1,753	1,771	1,816
Central Visayas	2,332	2,344	2,353	2,374	2,376
Eastern Visayas	1,459	1,468	1,471	1,469	1,472
Zamboanga Peninsula	3,339	3,357	3,394	3,447	3,540
Northern Mindanao	6,610	6,685	6,691	6,747	6,724
Davao Region	8,391	8,626	11,023	11,144	11,345
SOCCSKSARGEN	6,885	6,945	6,872	6,863	6,752
Caraga	3,681	3,674	3,529	3,561	3,493
ARMM	4,561	4,565	4,954	4,952	5,250
Yield Per Hectare (mt)					
PHILIPPINES	**16.47**	**16.62**	**16.30**	**16.29**	**16.25**
CAR	4.91	4.93	5.09	4.50	4.38
Ilocos Region	3.90	3.80	3.47	3.32	3.31
Cagayan Valley	13.35	13.03	14.18	12.31	9.12
Central Luzon	9.22	10.01	10.03	10.22	10.19
CALABARZON	3.33	3.38	3.46	3.33	3.38
MIMAROPA	7.13	7.36	7.70	8.01	8.41
Bicol Region	2.48	3.16	3.34	3.44	3.45
Western Visayas	11.23	11.00	10.96	10.86	10.88
Central Visayas	4.80	5.34	6.24	6.03	6.97
Eastern Visayas	9.86	10.55	10.74	11.07	10.96
Zamboanga Peninsula	14.53	14.86	15.56	15.48	12.98
Northern Mindanao	22.03	22.83	23.12	24.44	24.73
Davao Region	22.32	21.88	18.62	18.62	19.38
SOCCSKSARGEN	32.81	32.91	32.80	31.94	33.05
Caraga	7.89	7.57	7.65	7.54	6.30
ARMM	19.20	19.17	17.65	18.18	18.14

Table 3.1.2a LACATAN BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING HILLS (no.)					
PHILIPPINES	**29,245,115**	**29,843,193**	**31,384,421**	**31,804,423**	**32,216,833**
CAR	227,009	264,870	272,479	205,592	256,958
Ilocos Region	92,908	89,863	87,274	79,990	79,889
Cagayan Valley	2,183,031	2,169,435	2,159,001	2,084,201	1,928,039
Central Luzon	461,481	474,229	477,479	477,650	489,265
CALABARZON	870,720	872,280	874,040	873,700	878,796
MIMAROPA	1,931,884	2,037,726	2,056,083	2,090,449	2,113,643
Bicol Region	320,489	320,531	320,629	326,033	325,705
Western Visayas	903,214	900,413	895,893	894,096	902,835
Central Visayas	1,015,324	1,067,154	1,115,523	1,081,859	1,097,184
Eastern Visayas	508,796	513,076	536,361	535,904	519,827
Zamboanga Peninsula	1,238,584	1,242,450	1,230,320	1,263,815	1,303,015
Northern Mindanao	4,769,950	4,878,900	4,881,863	5,048,552	5,410,720
Davao Region	5,242,429	5,376,524	6,828,798	7,144,594	7,183,869
SOCCSKSARGEN	6,062,680	6,213,215	6,229,493	6,156,306	6,142,409
Caraga	1,481,750	1,482,900	1,465,700	1,463,800	1,435,350
ARMM	1,934,866	1,939,627	1,953,485	2,077,882	2,149,329
BEARING TREES PER HECTARE					
PHILIPPINES	**550**	**557**	**558**	**562**	**565**
CAR	230	272	281	214	266
Ilocos Region	319	312	301	286	283
Cagayan Valley	681	676	669	645	600
Central Luzon	366	370	372	370	379
CALABARZON	359	358	361	361	365
MIMAROPA	393	412	414	419	420
Bicol Region	301	302	302	302	302
Western Visayas	516	520	511	505	497
Central Visayas	435	455	474	456	462
Eastern Visayas	349	349	365	365	353
Zamboanga Peninsula	371	370	362	367	368
Northern Mindanao	722	730	730	748	805
Davao Region	625	623	620	641	633
SOCCSKSARGEN	881	895	907	897	910
Caraga	403	404	415	411	411
ARMM	424	425	394	420	409
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**29.93**	**29.85**	**29.22**	**28.98**	**28.77**
CAR	21.35	18.14	18.09	21.00	16.47
Ilocos Region	12.22	12.19	11.52	11.64	11.67
Cagayan Valley	19.61	19.27	21.19	19.08	15.20
Central Luzon	25.21	27.05	26.92	27.64	26.86
CALABARZON	9.27	9.44	9.56	9.23	9.27
MIMAROPA	18.13	17.86	18.59	19.11	20.00
Bicol Region	8.21	10.49	11.08	11.41	11.44
Western Visayas	21.78	21.13	21.44	21.53	21.88
Central Visayas	11.02	11.73	13.17	13.23	15.09
Eastern Visayas	28.27	30.20	29.45	30.32	31.02
Zamboanga Peninsula	39.17	40.15	42.94	42.23	35.27
Northern Mindanao	30.52	31.28	31.69	32.67	30.74
Davao Region	35.73	35.11	30.05	29.04	30.61
SOCCSKSARGEN	37.26	36.78	36.18	35.60	36.33
Caraga	19.60	18.76	18.42	18.34	15.32
ARMM	45.25	45.11	44.77	43.32	44.32

Table 3.1.3 SABA BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**2,385,614**	**2,526,835**	**2,636,342**	**2,632,692**	**2,616,842**
CAR	8,715	8,989	9,090	9,021	8,769
Ilocos Region	23,448	23,118	21,573	20,365	20,009
Cagayan Valley	272,860	268,663	302,776	267,578	191,181
Central Luzon	23,861	25,566	25,068	27,928	27,395
CALABARZON	65,296	67,565	70,343	68,131	74,187
MIMAROPA	115,181	121,094	126,831	130,686	141,302
Bicol Region	29,045	35,443	38,636	40,745	41,415
Western Visayas	201,772	200,390	205,426	203,497	212,543
Central Visayas	107,156	116,207	126,672	122,977	133,067
Eastern Visayas	162,828	176,903	180,061	182,217	181,739
Zamboanga Peninsula	134,099	136,980	140,002	143,631	131,131
Northern Mindanao	238,694	253,216	259,750	269,395	291,200
Davao Region	480,171	548,341	576,523	579,465	582,529
SOCCSKSARGEN	285,560	307,192	320,277	321,523	334,401
Caraga	117,361	116,941	109,532	114,201	111,911
ARMM	119,566	120,228	123,782	131,333	134,063
Area (ha)					
PHILIPPINES	**183,028**	**183,139**	**185,118**	**185,800**	**186,317**
CAR	1,338	1,336	1,304	1,328	1,318
Ilocos Region	3,275	3,270	3,267	3,161	3,104
Cagayan Valley	14,513	14,360	14,387	14,397	14,422
Central Luzon	2,445	2,444	2,439	2,439	2,437
CALABARZON	16,300	16,337	17,087	17,312	17,362
MIMAROPA	14,582	14,712	14,720	14,791	14,864
Bicol Region	9,510	9,512	9,462	9,500	9,492
Western Visayas	19,039	18,742	18,701	18,721	18,825
Central Visayas	12,567	12,567	12,891	12,896	12,902
Eastern Visayas	14,477	14,571	14,579	14,607	14,606
Zamboanga Peninsula	8,255	8,319	8,351	8,399	8,541
Northern Mindanao	12,623	12,694	12,831	12,972	13,084
Davao Region	21,032	21,084	21,866	21,943	22,150
SOCCSKSARGEN	9,259	9,314	9,346	9,296	9,421
Caraga	9,374	9,384	9,394	9,417	8,800
ARMM	14,439	14,492	14,493	14,621	14,990
Yield Per Hectare (mt)					
PHILIPPINES	**13.03**	**13.80**	**14.24**	**14.17**	**14.05**
CAR	6.51	6.73	6.97	6.79	6.65
Ilocos Region	7.16	7.07	6.60	6.44	6.45
Cagayan Valley	18.80	18.71	21.05	18.59	13.26
Central Luzon	9.76	10.46	10.28	11.45	11.24
CALABARZON	4.01	4.14	4.12	3.94	4.27
MIMAROPA	7.90	8.23	8.62	8.84	9.51
Bicol Region	3.05	3.73	4.08	4.29	4.36
Western Visayas	10.60	10.69	10.98	10.87	11.29
Central Visayas	8.53	9.25	9.83	9.54	10.31
Eastern Visayas	11.25	12.14	12.35	12.47	12.44
Zamboanga Peninsula	16.24	16.47	16.76	17.10	15.35
Northern Mindanao	18.91	19.95	20.24	20.77	22.26
Davao Region	22.83	111.55	114.16	26.41	26.30
SOCCSKSARGEN	30.84	32.98	34.27	34.59	35.50
Caraga	12.52	12.46	11.66	12.13	12.72
ARMM	8.28	8.30	8.54	8.98	8.94

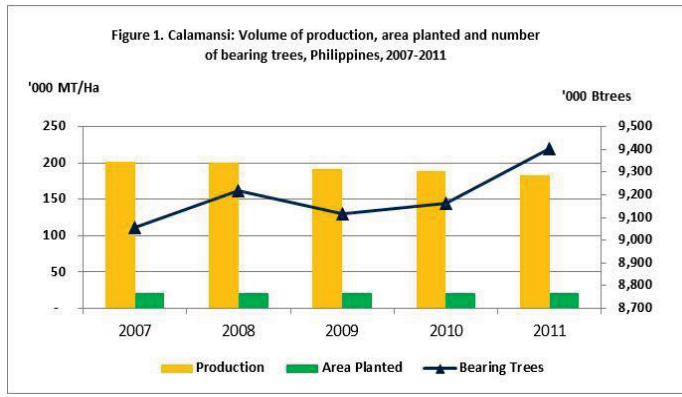
Table 3.1.3a SABA BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING HILLS (no.)					
PHILIPPINES	**76,843,550**	**77,109,265**	**77,905,041**	**78,584,660**	**79,570,508**
CAR	429,870	467,782	464,590	427,858	465,188
Ilocos Region	1,283,451	1,266,925	1,250,303	1,231,081	1,225,966
Cagayan Valley	9,032,236	8,885,646	8,890,325	8,573,843	7,871,149
Central Luzon	692,261	733,476	708,892	730,236	787,846
CALABARZON	4,885,960	4,844,360	4,889,120	4,889,180	5,304,760
MIMAROPA	5,718,927	5,846,345	5,957,017	6,126,477	6,166,289
Bicol Region	2,744,927	2,745,687	2,746,935	2,762,924	2,757,021
Western Visayas	7,994,964	7,979,066	7,618,011	7,614,511	7,704,453
Central Visayas	4,463,662	4,469,849	4,953,548	4,953,548	5,036,553
Eastern Visayas	4,195,291	4,206,634	4,226,478	4,303,847	4,304,960
Zamboanga Peninsula	3,339,460	3,341,480	3,299,840	3,367,180	3,367,170
Northern Mindanao	6,477,100	6,602,190	6,594,542	6,642,882	7,307,912
Davao Region	11,311,784	11,294,122	11,796,668	12,188,314	12,325,024
SOCCSKSARGEN	6,002,340	6,130,981	6,174,178	6,209,278	6,280,149
Caraga	3,218,502	3,213,952	3,224,215	3,280,040	3,005,060
ARMM	5,052,815	5,080,770	5,110,379	5,283,461	5,661,008
BEARING TREES PER HECTARE					
PHILIPPINES	**420**	**421**	**421**	**423**	**427**
CAR	321	350	356	322	353
Ilocos Region	392	387	383	390	395
Cagayan Valley	622	619	618	596	546
Central Luzon	283	300	291	299	323
CALABARZON	300	297	286	282	306
MIMAROPA	392	397	405	414	415
Bicol Region	289	289	290	291	290
Western Visayas	420	426	407	407	409
Central Visayas	355	356	384	384	390
Eastern Visayas	290	289	290	295	295
Zamboanga Peninsula	405	402	395	401	394
Northern Mindanao	513	520	514	512	559
Davao Region	538	536	539	555	556
SOCCSKSARGEN	648	658	661	668	667
Caraga	343	342	343	348	341
ARMM	350	351	353	361	378
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**31.05**	**32.77**	**33.84**	**33.50**	**32.89**
CAR	20.27	19.22	19.57	21.08	18.85
Ilocos Region	18.27	18.25	17.25	16.54	16.32
Cagayan Valley	30.21	30.24	34.06	31.21	24.29
Central Luzon	34.47	34.86	35.36	38.24	34.77
CALABARZON	13.36	13.95	14.39	13.93	13.99
MIMAROPA	20.14	20.71	21.29	21.33	22.92
Bicol Region	10.58	12.91	14.06	14.75	15.02
Western Visayas	25.24	25.11	26.97	26.72	27.59
Central Visayas	24.01	26.00	25.57	24.83	26.42
Eastern Visayas	38.81	42.05	42.60	42.34	42.22
Zamboanga Peninsula	40.16	40.99	42.43	42.66	38.94
Northern Mindanao	36.85	38.35	39.39	40.55	39.85
Davao Region	42.45	48.55	48.87	47.54	47.26
SOCCSKSARGEN	47.57	50.10	51.87	51.78	53.25
Caraga	36.46	36.39	33.97	34.82	37.24
ARMM	23.66	23.66	24.22	24.86	23.68

HIGHLIGHTS

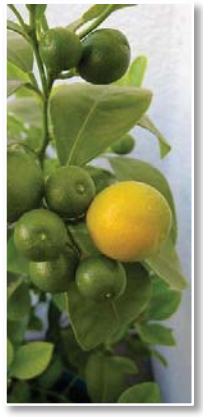
CALAMANSI

From 2008 to 2011, calamansi production went down annually by an average of 2.45 percent. Area harvested and number of bearing hills rose by an average of less than 1 percent during the same reference period (Figure 1).



In 2011, production at 183 thousand mt was down by 3.07 percent from the 2010 level. The bearing hills were affected by frequent rains during the flowering stage in MIMAROPA and CALABARZON. Typhoons Juan, Pedring and Quiel brought damages to calamansiin Cagayan Valley and Central Luzon.

MIMAROPA was the top producing region which accounted for 58 percent of the country's total calamansi production (Figure 2). The region had 7,989 hectares planted to calamansi and this comprised 38 percent of the total calamansi area in the country.



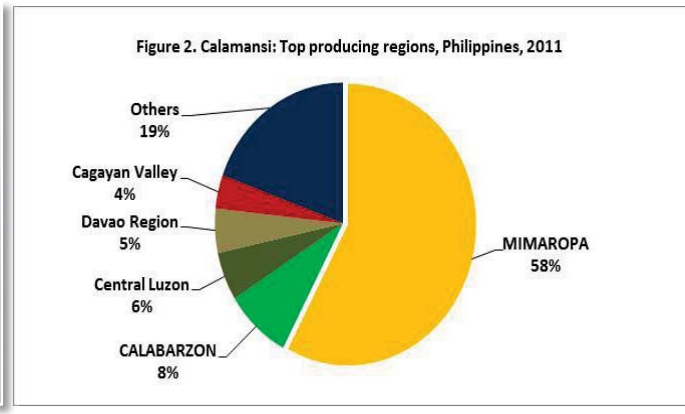


Table 3.2 CALAMANSI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**201,619**	**199,675**	**192,187**	**188,340**	**182,550**
CAR	450	438	426	421	419
Ilocos Region	3,399	3,431	3,311	3,312	3,340
Cagayan Valley	8,529	8,481	7,631	7,253	6,992
Central Luzon	10,069	10,243	9,940	10,301	10,225
CALABARZON	14,961	15,337	15,096	15,328	15,112
MIMAROPA	121,047	118,245	113,436	109,612	105,409
Bicol Region	2,249	2,513	2,309	2,287	2,238
Western Visayas	7,281	6,944	6,552	6,162	5,568
Central Visayas	1,210	1,227	1,271	1,159	1,106
Eastern Visayas	2,432	2,454	2,483	2,467	2,479
Zamboanga Peninsula	5,384	5,907	5,702	5,748	6,168
Northern Mindanao	1,290	1,265	1,261	1,295	1,286
Davao Region	10,327	10,193	10,029	10,062	9,290
SOCCSKSARGEN	6,935	6,646	6,581	6,777	6,885
Caraga	4,896	5,203	4,994	4,943	4,808
ARMM	1,159	1,149	1,165	1,213	1,227
Area (ha)					
PHILIPPINES	**20,545**	**20,956**	**20,912**	**20,987**	**21,141**
CAR	68	68	65	64	65
Ilocos Region	1,013	1,018	1,025	1,026	1,026
Cagayan Valley	1,109	1,180	1,182	1,182	1,168
Central Luzon	1,225	1,223	1,226	1,238	1,234
CALABARZON	1,423	1,478	1,480	1,480	1,726
MIMAROPA	7,949	7,962	7,966	7,977	7,989
Bicol Region	1,077	1,077	1,030	993	988
Western Visayas	971	962	939	934	919
Central Visayas	249	252	257	251	251
Eastern Visayas	187	192	195	196	197
Zamboanga Peninsula	725	979	981	1,087	1,092
Northern Mindanao	425	425	425	425	424
Davao Region	1,963	1,995	1,993	1,992	1,947
SOCCSKSARGEN	924	924	926	927	929
Caraga	1,089	1,072	1,073	1,066	1,037
ARMM	148	149	149	149	149
Yield Per Hectare (mt)					
PHILIPPINES	**9.81**	**9.53**	**9.19**	**8.97**	**8.63**
CAR	6.62	6.44	6.56	6.58	6.44
Ilocos Region	3.36	3.37	3.23	3.23	3.25
Cagayan Valley	7.69	7.19	6.46	6.14	5.99
Central Luzon	8.22	8.38	8.11	8.32	8.29
CALABARZON	10.51	10.38	10.20	10.36	8.76
MIMAROPA	15.23	14.85	14.24	13.74	13.19
Bicol Region	2.09	2.33	2.24	2.30	2.26
Western Visayas	7.50	7.22	6.98	6.60	6.06
Central Visayas	4.86	4.87	4.95	4.62	4.41
Eastern Visayas	13.04	12.82	12.74	12.59	12.57
Zamboanga Peninsula	7.43	6.03	5.81	5.29	5.65
Northern Mindanao	3.03	2.98	2.97	3.05	3.03
Davao Region	5.26	5.11	5.03	5.05	4.77
SOCCSKSARGEN	7.51	7.19	7.11	7.31	7.41
Caraga	4.50	4.85	4.65	4.64	4.64
ARMM	7.83	7.71	7.82	8.14	8.23

Table 3.2a CALAMANSI: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**9,056,933**	**9,216,422**	**9,115,380**	**9,163,050**	**9,402,373**
CAR	33,911	33,814	32,975	33,009	32,966
Ilocos Region	378,951	379,050	401,232	403,617	404,362
Cagayan Valley	656,035	673,145	673,671	660,124	655,827
Central Luzon	503,690	510,930	519,730	526,515	526,682
CALABARZON	731,948	740,558	739,088	739,013	908,713
MIMAROPA	3,398,380	3,407,937	3,304,141	3,313,647	3,319,657
Bicol Region	262,412	266,265	239,815	224,097	223,097
Western Visayas	699,850	675,673	655,879	646,156	631,430
Central Visayas	114,595	115,040	115,092	113,795	114,245
Eastern Visayas	59,799	60,626	60,802	61,026	59,055
Zamboanga Peninsula	251,289	360,740	370,190	423,640	520,240
Northern Mindanao	133,070	133,285	132,137	134,947	138,244
Davao Region	994,975	996,700	1,006,378	1,000,671	974,405
SOCCSKSARGEN	415,312	434,904	435,955	454,198	470,800
Caraga	383,135	385,535	386,050	385,700	379,655
ARMM	39,580	42,220	42,245	42,895	42,995
BEARING TREES PER HECTARE					
PHILIPPINES	**441**	**440**	**436**	**437**	**445**
CAR	499	497	507	516	507
Ilocos Region	374	372	391	393	394
Cagayan Valley	592	570	570	558	562
Central Luzon	411	418	424	425	427
CALABARZON	514	501	499	499	526
MIMAROPA	428	428	415	415	416
Bicol Region	244	247	233	226	226
Western Visayas	721	702	698	692	687
Central Visayas	460	457	448	453	455
Eastern Visayas	321	317	312	311	299
Zamboanga Peninsula	347	368	377	390	476
Northern Mindanao	313	314	311	318	326
Davao Region	507	500	505	502	500
SOCCSKSARGEN	449	471	471	490	507
Caraga	352	360	360	362	366
ARMM	267	283	284	288	289
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**22.26**	**21.67**	**21.08**	**20.55**	**19.42**
CAR	13.28	12.96	12.93	12.75	12.70
Ilocos Region	8.97	9.05	8.25	8.21	8.26
Cagayan Valley	13.00	12.60	11.33	10.99	10.66
Central Luzon	19.99	20.05	19.13	19.57	19.41
CALABARZON	20.44	20.71	20.43	20.74	16.63
MIMAROPA	35.62	34.70	34.33	33.08	31.75
Bicol Region	8.57	9.44	9.63	10.21	10.03
Western Visayas	10.40	10.28	9.99	9.54	8.82
Central Visayas	10.56	10.67	11.05	10.18	9.68
Eastern Visayas	40.67	40.48	40.83	40.43	41.98
Zamboanga Peninsula	21.43	16.38	15.40	13.57	11.86
Northern Mindanao	9.69	9.49	9.55	9.59	9.30
Davao Region	10.38	10.23	9.97	10.06	9.53
SOCCSKSARGEN	16.70	15.28	15.10	14.92	14.62
Caraga	12.78	13.50	12.94	12.82	12.66
ARMM	29.29	27.21	27.57	28.27	28.54

Table 3.3 DURIAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**73,250**	**51,399**	**55,727**	**77,548**	**58,969**
CAR					
Ilocos Region					
Cagayan Valley				2	46
Central Luzon					1
CALABARZON	75	73	81	79	47
MIMAROPA	11	13	13	14	15
Bicol Region					
Western Visayas	256	299	336	338	49
Central Visayas	2	6	17	17	1
Eastern Visayas	7	7	9	9	11
Zamboanga Peninsula	515	348	537	811	630
Northern Mindanao	1,511	1,438	1,932	2,151	1,981
Davao Region	51,222	36,787	42,817	55,606	50,851
SOCCSKSARGEN	2,896	2,230	2,985	3,455	3,738
Caraga	1,042	1,105	1,341	1,282	1,341
ARMM	15,714	9,092	5,660	13,785	259
Area (ha)					
PHILIPPINES	**17,167**	**18,371**	**18,669**	**18,838**	**19,001**
CAR					
Ilocos Region					
Cagayan Valley	3	3	3	3	3
Central Luzon					2
CALABARZON	33	34	34	34	34
MIMAROPA	21	24	25	30	33
Bicol Region					
Western Visayas	111	181	181	181	181
Central Visayas	3	8	17	18	19
Eastern Visayas	24	32	34	34	38
Zamboanga Peninsula	874	908	1,006	1,037	1,061
Northern Mindanao	1,155	1,359	1,414	1,419	1,419
Davao Region	10,363	11,194	11,299	11,409	11,510
SOCCSKSARGEN	1,771	1,812	1,815	1,828	1,847
Caraga	1,688	1,685	1,685	1,689	1,689
ARMM	1,121	1,131	1,156	1,156	1,165
Yield Per Hectare (mt)					
PHILIPPINES	**4.27**	**2.80**	**2.99**	**4.12**	**3.10**
CAR					
Ilocos Region					
Cagayan Valley				0.67	15.23
Central Luzon					0.60
CALABARZON	2.27	2.16	2.38	2.32	1.38
MIMAROPA	0.50	0.54	0.51	0.47	0.44
Bicol Region					
Western Visayas	2.31	1.65	1.86	1.87	0.27
Central Visayas	0.60	0.79	1.02	0.98	0.05
Eastern Visayas	0.28	0.23	0.26	0.25	0.28
Zamboanga Peninsula	0.59	0.38	0.53	0.78	0.59
Northern Mindanao	1.31	1.06	1.37	1.52	1.40
Davao Region	4.94	3.29	3.79	4.87	4.42
SOCCSKSARGEN	1.64	1.23	1.64	1.89	2.02
Caraga	0.62	0.66	0.80	0.76	0.79
ARMM	14.02	8.04	4.90	11.92	0.22

Table 3.3a DURIAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**649,947**	**638,854**	**649,853**	**774,772**	**724,450**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					120
CALABARZON	1,800	1,800	1,850	2,035	2,038
MIMAROPA	985	1,121	1,204	1,474	1,609
Bicol Region					
Western Visayas	4,772	4,802	5,062	5,062	5,112
Central Visayas	178	618	690	690	690
Eastern Visayas	175	216	273	280	483
Zamboanga Peninsula	16,054	16,075	17,205	21,379	22,379
Northern Mindanao	46,840	56,173	60,929	62,324	62,931
Davao Region	403,108	380,439	383,256	492,121	431,791
SOCCSKSARGEN	72,980	74,260	75,719	85,400	93,510
Caraga	41,785	41,840	41,840	41,805	41,495
ARMM	61,270	61,510	61,825	62,202	62,292
BEARING TREES PER HECTARE					
PHILIPPINES	**38**	**35**	**35**	**41**	**38**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					60
CALABARZON	55	53	54	60	60
MIMAROPA	47	48	48	49	49
Bicol Region					
Western Visayas	43	27	28	28	28
Central Visayas	59	77	42	39	37
Eastern Visayas	7	7	8	8	13
Zamboanga Peninsula	18	18	17	21	21
Northern Mindanao	41	41	43	44	44
Davao Region	39	34	34	43	38
SOCCSKSARGEN	41	41	42	47	51
Caraga	25	25	25	25	25
ARMM	55	54	53	54	53
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**112.70**	**80.46**	**85.75**	**100.09**	**81.40**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	41.64	40.80	43.68	38.73	23.00
MIMAROPA	10.75	11.24	10.54	9.62	9.02
Bicol Region					
Western Visayas	53.63	62.27	66.35	66.78	9.59
Central Visayas	10.11	10.19	24.49	24.82	1.46
Eastern Visayas	38.86	34.35	32.78	30.50	22.05
Zamboanga Peninsula	32.09	21.63	31.21	37.94	28.16
Northern Mindanao	32.25	25.59	31.72	34.51	31.48
Davao Region	127.07	96.70	111.72	112.99	117.77
SOCCSKSARGEN	39.68	30.04	39.42	40.46	39.97
Caraga	24.93	26.42	32.04	30.66	32.33
ARMM	256.48	147.81	91.55	221.62	4.15

Table 3.4 LANZONES: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**58,258**	**7,407**	**15,341**	**49,500**	**4,256**
CAR	16	17	15	17	12
Ilocos Region	1	1	1	1	1
Cagayan Valley	119	106	111	85	60
Central Luzon	22	14	12	12	9
CALABARZON	4,301	1,282	715	1,007	638
MIMAROPA	174	155	151	157	150
Bicol Region	8	9	9	8	8
Western Visayas	612	503	484	547	356
Central Visayas	112	40	128	162	35
Eastern Visayas	733	727	651	720	151
Zamboanga Peninsula	2,796	109	184	11,652	35
Northern Mindanao	3,627	1,236	4,448	4,779	1,072
Davao Region	6,078	2,502	1,985	3,952	1,283
SOCCSKSARGEN	1,244	252	333	931	215
Caraga	75	111	108	194	60
ARMM	38,341	344	6,005	25,278	171
Area (ha)					
PHILIPPINES	**20,015**	**20,331**	**20,430**	**20,505**	**20,586**
CAR	25	25	25	26	26
Ilocos Region	5	8	8	8	10
Cagayan Valley	27	27	27	27	26
Central Luzon	7	7	6	6	8
CALABARZON	4,319	4,319	4,321	4,321	4,321
MIMAROPA	322	323	323	325	329
Bicol Region	34	34	34	34	35
Western Visayas	372	511	484	486	486
Central Visayas	84	90	97	98	103
Eastern Visayas	173	186	188	187	187
Zamboanga Peninsula	1,785	1,804	1,884	1,936	1,960
Northern Mindanao	3,288	3,319	3,344	3,345	3,335
Davao Region	2,108	2,112	2,118	2,123	2,143
SOCCSKSARGEN	1,310	1,310	1,312	1,318	1,347
Caraga	829	829	832	832	828
ARMM	5,327	5,427	5,427	5,433	5,443
Yield Per Hectare (mt)					
PHILIPPINES	**2.91**	**0.36**	**0.75**	**2.41**	**0.21**
CAR	0.65	0.70	0.62	0.64	0.47
Ilocos Region	0.17	0.11	0.13	0.16	0.14
Cagayan Valley	4.42	3.92	4.11	3.14	2.29
Central Luzon	3.19	2.05	1.92	1.99	1.19
CALABARZON	1.00	0.30	0.17	0.23	0.15
MIMAROPA	0.54	0.48	0.47	0.48	0.45
Bicol Region	0.24	0.26	0.26	0.24	0.23
Western Visayas	1.64	0.98	1.00	1.13	0.73
Central Visayas	1.33	0.45	1.32	1.65	0.34
Eastern Visayas	4.24	3.91	3.46	3.85	0.81
Zamboanga Peninsula	1.57	0.06	0.10	6.02	0.02
Northern Mindanao	1.10	0.37	1.33	1.43	0.32
Davao Region	2.88	1.18	0.94	1.86	0.60
SOCCSKSARGEN	0.95	0.19	0.25	0.71	0.16
Caraga	0.09	0.13	0.13	0.23	0.07
ARMM	7.20	0.06	1.11	4.65	0.03

Table 3.4a LANZONES: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**1,964,576**	**2,012,620**	**2,042,666**	**2,131,196**	**2,135,939**
CAR	1,830	1,830	1,853	2,055	2,065
Ilocos Region	141	149	149	183	190
Cagayan Valley	2,790	2,790	2,790	2,490	2,490
Central Luzon	2,012	2,012	1,862	1,912	1,930
CALABARZON	439,251	470,001	470,001	492,226	493,640
MIMAROPA	10,988	10,732	10,782	10,832	11,570
Bicol Region	4,311	4,311	4,315	4,319	4,452
Western Visayas	41,305	41,331	41,127	41,302	41,307
Central Visayas	15,984	17,660	18,513	20,399	23,127
Eastern Visayas	12,504	12,914	13,379	13,379	13,597
Zamboanga Peninsula	76,750	80,793	82,110	142,605	142,785
Northern Mindanao	272,628	279,875	303,945	303,835	303,540
Davao Region	296,451	299,572	299,774	299,868	299,715
SOCCSKSARGEN	73,201	74,695	77,350	79,750	79,770
Caraga	22,700	22,125	22,095	22,520	22,240
ARMM	691,730	691,830	692,621	693,521	693,521
BEARING TREES PER HECTARE					
PHILIPPINES	**98**	**99**	**100**	**104**	**104**
CAR	73	73	74	79	79
Ilocos Region	31	19	19	23	19
Cagayan Valley	103	103	103	92	96
Central Luzon	287	287	310	319	257
CALABARZON	102	109	109	114	114
MIMAROPA	34	33	33	33	35
Bicol Region	127	127	127	127	127
Western Visayas	111	81	85	85	85
Central Visayas	190	196	191	208	225
Eastern Visayas	72	69	71	72	73
Zamboanga Peninsula	43	45	44	74	73
Northern Mindanao	83	84	91	91	91
Davao Region	141	142	142	141	140
SOCCSKSARGEN	56	57	59	61	59
Caraga	27	27	27	27	27
ARMM	130	127	128	128	127
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**29.65**	**3.68**	**7.51**	**23.23**	**1.99**
CAR	8.91	9.50	8.33	8.08	5.86
Ilocos Region	5.41	5.82	6.69	6.89	7.42
Cagayan Valley	42.76	37.97	39.75	34.04	23.93
Central Luzon	11.09	7.13	6.18	6.26	4.64
CALABARZON	9.79	2.73	1.52	2.05	1.29
MIMAROPA	15.82	14.49	14.03	14.45	12.93
Bicol Region	1.92	2.04	2.07	1.88	1.79
Western Visayas	14.80	12.16	11.77	13.24	8.63
Central Visayas	7.00	2.28	6.93	7.94	1.51
Eastern Visayas	58.60	56.27	48.69	53.78	11.12
Zamboanga Peninsula	36.42	1.34	2.24	81.71	0.25
Northern Mindanao	13.30	4.42	14.63	15.73	3.53
Davao Region	20.50	8.35	6.62	13.18	4.28
SOCCSKSARGEN	16.99	3.37	4.31	11.67	2.69
Caraga	3.31	5.00	4.89	8.61	2.72
ARMM	55.43	0.50	8.67	36.45	0.25

Table 3.5 MANDARIN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**25,281**	**22,743**	**20,376**	**18,783**	**17,697**
CAR	889	885	878	796	797
Ilocos Region	11	11	11	11	11
Cagayan Valley	10,733	9,821	9,425	8,155	7,634
Central Luzon	1,282	1,294	1,203	1,164	1,008
CALABARZON	5,291	5,022	4,988	4,904	4,746
MIMAROPA	418	411	407	430	431
Bicol Region	754	790	817	824	831
Western Visayas	69	63	64	59	50
Central Visayas	172	126	123	87	79
Eastern Visayas	29	30	31	30	29
Zamboanga Peninsula	5	3	3	14	6
Northern Mindanao	138	146	147	153	116
Davao Region	3,520	2,310	2,138	1,827	1,682
SOCCSKSARGEN	62	62	64	66	56
Caraga	50	51	42	37	17
ARMM	1,858 R/	1,716	36	226	205
Area (ha)					
PHILIPPINES	**9,621**	**9,583**	**9,444**	**9,289**	**9,107**
CAR	182	178	178	177	177
Ilocos Region	21	21	20	20	20
Cagayan Valley	1,454	1,479	1,486	1,483	1,473
Central Luzon	484	408	403	401	396
CALABARZON	2,125	2,150	2,150	2,150	2,148
MIMAROPA	697	699	695	692	693
Bicol Region	1,758	1,753	1,751	1,741	1,720
Western Visayas	42	50	47	47	47
Central Visayas	46	46	49	43	43
Eastern Visayas	37	39	40	39	40
Zamboanga Peninsula	15	15	15	15	10
Northern Mindanao	35	35	35	35	28
Davao Region	731	719	685	656	627
SOCCSKSARGEN	21	20	20	19	19
Caraga	32	30	29	50	46
ARMM	1,941	1,941	1,841	1,721	1,620
Yield Per Hectare (mt)					
PHILIPPINES	**2.63**	**2.37**	**2.16**	**2.02**	**1.94**
CAR	4.88	4.97	4.93	4.50	4.50
Ilocos Region	0.52	0.55	0.56	0.56	0.57
Cagayan Valley	7.38	6.64	6.34	5.50	5.18
Central Luzon	2.65	3.17	2.99	2.90	2.55
CALABARZON	2.49	2.34	2.32	2.28	2.21
MIMAROPA	0.60	0.59	0.59	0.62	0.62
Bicol Region	0.43	0.45	0.47	0.47	0.48
Western Visayas	1.65	1.26	1.35	1.25	1.07
Central Visayas	3.75	2.75	2.51	2.02	1.84
Eastern Visayas	0.80	0.77	0.76	0.78	0.73
Zamboanga Peninsula	0.33	0.17	0.18	0.92	0.59
Northern Mindanao	3.93	4.18	4.19	4.36	4.13
Davao Region	4.82	3.21	3.12	2.79	2.68
SOCCSKSARGEN	2.96	3.12	3.19	3.49	3.00
Caraga	1.57	1.71	1.46	0.73	0.36
ARMM	0.96	0.88	0.02	0.13	0.13

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Table 3.5a MANDARIN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**1,199,671**	**1,160,260**	**1,155,686**	**1,161,392**	**1,141,417**
CAR	17,600	17,610	17,695	17,595	17,450
Ilocos Region	3,608	3,608	3,608	3,608	3,608
Cagayan Valley	287,010	286,720	287,583	287,712	281,702
Central Luzon	121,510	88,830	86,330	85,730	84,750
CALABARZON	173,970	171,200	171,400	172,105	174,755
MIMAROPA	57,969	58,147	57,950	57,570	57,620
Bicol Region	164,361	164,361	164,372	181,786	178,578
Western Visayas	5,204	5,026	4,797	4,776	4,786
Central Visayas	5,305	5,600	5,605	4,838	5,258
Eastern Visayas	1,870	1,894	1,911	1,721	1,753
Zamboanga Peninsula	1,680	1,680	1,900	1,960	1,310
Northern Mindanao	4,335	4,335	4,355	4,365	3,970
Davao Region	156,741	153,079	150,084	140,671	135,237
SOCCSKSARGEN	2,155	2,062	2,092	2,105	1,935
Caraga	4,400	4,155	4,095	6,565	5,865
ARMM	191,953	191,953	191,909	188,285	182,840
BEARING TREES PER HECTARE					
PHILIPPINES	**125**	**121**	**122**	**125**	**125**
CAR	97	99	99	99	99
Ilocos Region	171	176	180	180	180
Cagayan Valley	197	194	194	194	191
Central Luzon	251	218	214	214	214
CALABARZON	82	80	80	80	81
MIMAROPA	83	83	83	83	83
Bicol Region	93	94	94	104	104
Western Visayas	124	101	102	102	102
Central Visayas	115	122	114	113	122
Eastern Visayas	51	49	48	44	44
Zamboanga Peninsula	112	112	127	131	131
Northern Mindanao	124	124	124	125	142
Davao Region	214	213	219	214	216
SOCCSKSARGEN	103	103	105	111	103
Caraga	138	139	141	131	128
ARMM	99	99	104	109	113
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**21.07**	**19.60**	**17.63**	**16.17**	**15.50**
CAR	50.50	50.25	49.62	45.26	45.66
Ilocos Region	3.05	3.12	3.13	3.12	3.17
Cagayan Valley	37.40	34.25	32.77	28.34	27.10
Central Luzon	10.55	14.56	13.94	13.57	11.89
CALABARZON	30.41	29.33	29.10	28.49	27.16
MIMAROPA	7.21	7.07	7.02	7.48	7.48
Bicol Region	4.59	4.81	4.97	4.53	4.65
Western Visayas	13.28	12.51	13.27	12.31	10.46
Central Visayas	32.49	22.58	21.92	17.99	15.05
Eastern Visayas	15.76	15.91	15.97	17.71	16.73
Zamboanga Peninsula	2.98	1.52	1.41	7.01	4.47
Northern Mindanao	31.75	33.73	33.69	34.98	29.10
Davao Region	22.46	15.09	14.24	12.99	12.44
SOCCSKSARGEN	28.86	30.28	30.49	31.53	29.06
Caraga	11.41	12.36	10.37	5.58	2.82
ARMM	9.68	8.94	0.19	1.20	1.12

HIGHLIGHTS

MANGO

From 2007 to 2010, mango production went down annually by an average of 6.24 percent (Figure 1). Area planted and number of bearing trees grew by 0.39 percent and 1.47 percent, respectively.

In 2011, mango production at 788 thousand mt dropped by 4.55 percent from the 2010 record. Less number of bearing trees was induced in Ilocos Region and Central Visayas. The occurrence of continuous rains during flowering stage was noted in Ilocos Region, Cagayan Valley, Central Luzon, Western Visayas, Northern Mindanao and Davao Region.

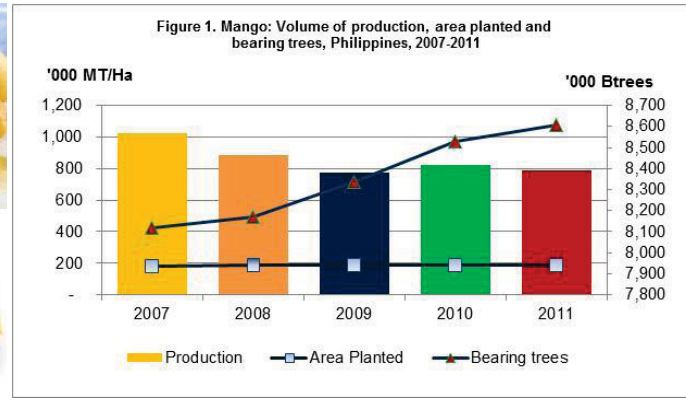


Figure 1. Mango: Volume of production, area planted and bearing trees, Philippines, 2007-2011

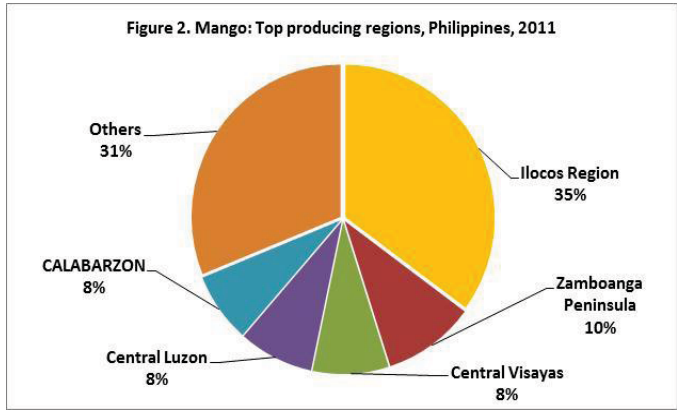


Figure 2. Mango: Top producing regions, Philippines, 2011

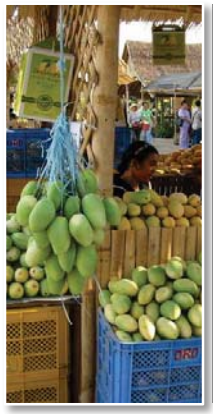
Ilocos Region was the major producer and shared 35 percent in the country's total mango production (Figure 2). Central Luzon registered the largest area planted to mango at 33,678 hectares.

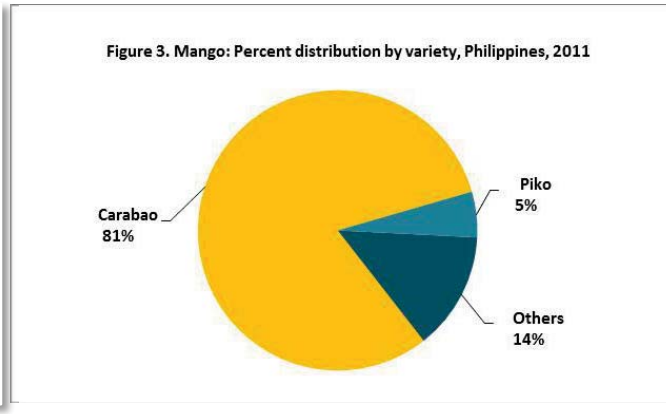
Carabao Variety. From 2007 to 2011, production of Carabao variety was going down by 6.29 percent annually. Area planted and number of bearing trees increased by 0.68 percent and 2.05 percent, respectively.

In 2011, production was 4.57 percent dropped from the 2010 level. Less application of flower inducers was observed in Ilocos Region, Western and Central Visayas. The occurrence of continuous rain during flowering stage was noted in most regions.

Production in Zamboanga Peninsula increased due to the induction of bearing trees to cater to the export demand.

Carabao variety comprised about 81 percent of total mango production. About 37 percent of this production came from Ilocos Region.





Central Luzon posted the largest area at 24,863 hectares with the highest number of bearing trees.

Table 3.6 MANGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**1,023,907**	**884,011**	**771,441**	**825,676**	**788,074**
CAR	3,762	3,705	3,738	3,721	3,709
Ilocos Region	445,049	382,569	293,993	290,975	276,661
Cagayan Valley	90,108	66,209	37,910	58,781	46,439
Central Luzon	84,131	68,314	58,453	64,401	64,053
CALABARZON	45,424	40,887	42,385	44,914	58,628
MIMAROPA	7,896	8,022	8,333	9,551	9,582
Bicol Region	1,622	1,438	1,410	1,516	1,398
Western Visayas	58,067	46,421	44,487	50,447	45,344
Central Visayas	72,917	65,818	65,293	71,021	65,001
Eastern Visayas	721	828	904	902	885
Zamboanga Peninsula	59,603	53,113	57,809	74,025	78,411
Northern Mindanao	33,685	33,251	35,869	37,593	35,521
Davao Region	38,081	36,595	37,048	33,908	29,730
SOCCSKSARGEN	51,152	47,516	53,655	56,264	52,330
Caraga	16,845	17,230	15,404	15,520	12,156
ARMM	14,846	12,094	14,752	12,138	8,226
Area (ha)					
PHILIPPINES	**184,174**	**186,770**	**188,139**	**189,437**	**187,073**
CAR	780	790	792	792	794
Ilocos Region	22,196	22,099	20,824	21,204	21,341
Cagayan Valley	10,080	10,100	10,087	10,496	10,002
Central Luzon	33,427	33,320	33,563	33,714	33,678
CALABARZON	14,963	14,832	14,742	14,773	14,777
MIMAROPA	3,880	3,895	3,854	3,871	3,852
Bicol Region	2,056	2,056	2,787	2,872	2,870
Western Visayas	11,204	11,324	11,355	11,392	10,327
Central Visayas	12,451	12,489	12,561	12,562	12,568
Eastern Visayas	744	848	875	883	884
Zamboanga Peninsula	16,365	16,521	16,648	16,679	16,800
Northern Mindanao	8,656	8,657	9,598	9,597	8,751
Davao Region	18,115	18,137	17,973	17,982	17,761
SOCCSKSARGEN	14,340	16,747	16,736	16,727	16,898
Caraga	3,405	3,382	3,382	3,383	3,257
ARMM	11,513	11,573	12,362	12,510	12,513
Yield Per Hectare (mt)					
PHILIPPINES	**5.56**	**4.73**	**4.10**	**4.36**	**4.21**
CAR	4.82	4.69	4.72	4.70	4.67
Ilocos Region	20.05	17.31	14.12	13.72	12.96
Cagayan Valley	8.94	6.56	3.76	5.60	4.64
Central Luzon	2.52	2.05	1.74	1.91	1.90
CALABARZON	3.04	2.76	2.88	3.04	3.97
MIMAROPA	2.03	2.06	2.16	2.47	2.49
Bicol Region	0.79	0.70	0.51	0.53	0.49
Western Visayas	5.18	4.10	3.92	4.43	4.39
Central Visayas	5.86	5.27	5.20	5.65	5.17
Eastern Visayas	0.97	0.98	1.03	1.02	1.00
Zamboanga Peninsula	3.64	3.21	3.47	4.44	4.67
Northern Mindanao	3.89	3.84	3.74	3.92	4.06
Davao Region	2.10	2.02	2.06	1.89	1.67
SOCCSKSARGEN	3.57	2.84	3.21	3.36	3.10
Caraga	4.95	5.09	4.55	4.59	3.73
ARMM	1.29	1.04	1.19	0.97	0.66

Table 3.6a MANGO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**8,115,899**	**8,171,854**	**8,335,951**	**8,526,816**	**8,606,709**
CAR	32,909	33,999	34,411	34,530	35,351
Ilocos Region	837,948	836,441	785,163	786,388	784,621
Cagayan Valley	895,965	897,458	895,583	895,722	961,794
Central Luzon	1,478,808	1,498,353	1,521,989	1,641,018	1,679,048
CALABARZON	740,994	813,274	889,745	889,503	890,733
MIMAROPA	203,262	201,939	200,981	213,084	212,306
Bicol Region	59,515	61,375	63,479	64,176	64,042
Western Visayas	613,056	505,053	501,837	502,513	478,669
Central Visayas	562,343	564,818	571,174	570,854	572,501
Eastern Visayas	19,718	20,661	21,444	21,599	22,512
Zamboanga Peninsula	885,750	890,197	901,836	912,521	915,190
Northern Mindanao	417,229	417,838	419,788	424,839	425,655
Davao Region	321,063	331,054	331,069	329,929	314,637
SOCCSKSARGEN	749,013	783,589	872,132	908,620	920,845
Caraga	99,480	100,430	100,320	100,330	97,640
ARMM	198,846	215,376	225,001	231,191	231,166
BEARING TREES PER HECTARE					
PHILIPPINES	**44**	**44**	**44**	**45**	**46**
CAR	42	43	43	44	45
Ilocos Region	38	38	38	37	37
Cagayan Valley	89	89	89	85	96
Central Luzon	44	45	45	49	50
CALABARZON	50	55	60	60	60
MIMAROPA	52	52	52	55	55
Bicol Region	29	30	23	22	22
Western Visayas	55	45	44	44	46
Central Visayas	45	45	45	45	46
Eastern Visayas	27	24	25	24	25
Zamboanga Peninsula	54	54	54	55	54
Northern Mindanao	48	48	44	44	49
Davao Region	18	18	18	18	18
SOCCSKSARGEN	52	47	52	54	54
Caraga	29	30	30	30	30
ARMM	17	19	18	18	18
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**126.16**	**108.18**	**92.54**	**96.83**	**91.57**
CAR	114.31	108.97	108.62	107.77	104.92
Ilocos Region	531.12	457.38	374.44	370.01	352.60
Cagayan Valley	100.57	73.77	42.33	65.62	48.28
Central Luzon	56.89	45.59	38.41	39.24	38.15
CALABARZON	61.30	50.27	47.64	50.49	65.82
MIMAROPA	38.84	39.72	41.46	44.82	45.13
Bicol Region	27.26	23.43	22.20	23.62	21.84
Western Visayas	94.72	91.91	88.65	100.39	94.73
Central Visayas	129.67	116.53	114.31	124.41	113.54
Eastern Visayas	36.55	40.09	42.17	41.78	39.30
Zamboanga Peninsula	67.29	59.66	64.10	81.12	85.68
Northern Mindanao	80.73	79.58	85.45	88.49	83.45
Davao Region	118.61	110.54	111.90	102.77	94.49
SOCCSKSARGEN	68.29	60.64	61.52	61.92	56.83
Caraga	169.33	171.57	153.54	154.69	124.50
ARMM	74.66	56.15	65.56	52.50	35.59

Table 3.6.1 CARABAO MANGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**828,412**	**712,409**	**621,279**	**669,520**	**638,954**
CAR	3,648	3,605	3,635	3,616	3,595
Ilocos Region	388,007	331,628	254,565	252,694	238,222
Cagayan Valley	63,933	46,719	28,592	42,591	32,501
Central Luzon	65,189	52,582	44,538	49,576	49,781
CALABARZON	24,454	22,677	24,657	26,758	39,108
MIMAROPA	4,786	4,884	5,121	6,025	6,103
Bicol Region	244	252	260	285	238
Western Visayas	54,750	43,095	41,085	46,937	41,551
Central Visayas	65,854	59,631	59,657	65,276	59,895
Eastern Visayas	335	403	457	460	449
Zamboanga Peninsula	41,145	36,761	40,633	55,912	60,610
Northern Mindanao	30,635	30,301	32,975	34,613	32,662
Davao Region	30,770	29,812	30,224	27,201	23,953
SOCCSKSARGEN	39,273	36,500	42,229	44,413	41,048
Caraga	11,386	11,804	10,309	10,940	9,040
ARMM	4,003	1,753	2,342	2,221	199
Area (ha)					
PHILIPPINES	**141,627**	**144,293**	**145,926**	**147,026**	**145,518**
CAR	693	697	699	699	699
Ilocos Region	17,086	17,087	16,114	16,500	16,758
Cagayan Valley	6,433	6,450	6,463	6,872	6,793
Central Luzon	24,546	24,446	24,712	24,864	24,863
CALABARZON	10,472	10,478	10,478	10,506	10,507
MIMAROPA	1,996	2,013	2,019	2,030	2,025
Bicol Region	545	545	1,075	1,112	1,112
Western Visayas	10,186	10,195	10,243	10,265	9,180
Central Visayas	10,356	10,391	10,456	10,458	10,463
Eastern Visayas	476	559	585	590	591
Zamboanga Peninsula	12,863	13,006	13,091	13,124	13,303
Northern Mindanao	7,332	7,332	8,274	8,274	7,428
Davao Region	15,778	15,795	15,627	15,636	15,546
SOCCSKSARGEN	12,640	15,057	15,059	15,055	15,218
Caraga	2,345	2,352	2,352	2,353	2,341
ARMM	7,880	7,890	8,680	8,688	8,691
Yield Per Hectare (mt)					
PHILIPPINES	**5.85**	**4.94**	**4.26**	**4.55**	**4.39**
CAR	5.26	5.17	5.20	5.17	5.14
Ilocos Region	22.71	19.41	15.80	15.31	14.22
Cagayan Valley	9.94	7.24	4.42	6.20	4.78
Central Luzon	2.66	2.15	1.80	1.99	2.00
CALABARZON	2.34	2.16	2.35	2.55	3.72
MIMAROPA	2.40	2.43	2.54	2.97	3.01
Bicol Region	0.45	0.46	0.24	0.26	0.21
Western Visayas	5.38	4.23	4.01	4.57	4.53
Central Visayas	6.36	5.74	5.71	6.24	5.72
Eastern Visayas	0.70	0.72	0.78	0.78	0.76
Zamboanga Peninsula	3.20	2.83	3.10	4.26	4.56
Northern Mindanao	4.18	4.13	3.99	4.18	4.40
Davao Region	1.95	1.89	1.93	1.74	1.54
SOCCSKSARGEN	3.11	2.42	2.80	2.95	2.70
Caraga	4.86	5.02	4.38	4.65	3.86
ARMM	0.51	0.22	0.27	0.26	0.02

Table 3.6.1a CARABAO MANGO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**5,841,197**	**5,880,136**	**6,029,318**	**6,228,015**	**6,333,898**
CAR	29,081	29,844	30,153	30,291	30,116
Ilocos Region	578,132	581,486	540,823	541,887	543,765
Cagayan Valley	508,880	510,376	508,793	508,914	584,015
Central Luzon	1,010,321	1,016,797	1,029,051	1,145,970	1,187,828
CALABARZON	483,133	567,313	645,484	659,473	660,323
MIMAROPA	93,075	93,241	94,867	104,583	104,526
Bicol Region	6,276	7,276	9,291	9,874	9,910
Western Visayas	568,322	453,937	453,562	453,842	428,162
Central Visayas	467,778	469,900	475,755	475,755	477,402
Eastern Visayas	8,947	9,293	10,188	10,488	11,336
Zamboanga Peninsula	703,154	704,840	709,400	720,410	724,450
Northern Mindanao	360,561	360,637	362,527	366,545	368,361
Davao Region	235,472	244,480	242,754	241,279	232,026
SOCCSKSARGEN	604,310	645,701	731,640	767,374	779,938
Caraga	57,230	58,370	58,360	58,370	58,755
ARMM	126,525	126,645	126,670	132,960	132,985
BEARING TREES PER HECTARE					
PHILIPPINES	**41**	**41**	**41**	**42**	**44**
CAR	42	43	43	43	43
Ilocos Region	34	34	34	33	32
Cagayan Valley	79	79	79	74	86
Central Luzon	41	42	42	46	48
CALABARZON	46	54	62	63	63
MIMAROPA	47	46	47	52	52
Bicol Region	12	13	9	9	9
Western Visayas	56	45	44	44	47
Central Visayas	45	45	46	45	46
Eastern Visayas	19	17	17	18	19
Zamboanga Peninsula	55	54	54	55	54
Northern Mindanao	49	49	44	44	50
Davao Region	15	15	16	15	15
SOCCSKSARGEN	48	43	49	51	51
Caraga	24	25	25	25	25
ARMM	16	16	15	15	15
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**141.82**	**121.16**	**103.04**	**107.50**	**100.88**
CAR	125.43	120.79	120.55	119.36	119.37
Ilocos Region	671.14	570.31	470.70	466.32	438.10
Cagayan Valley	125.63	91.54	56.20	83.69	55.65
Central Luzon	64.52	51.71	43.28	43.26	41.91
CALABARZON	50.62	39.97	38.20	40.58	59.23
MIMAROPA	51.42	52.38	53.98	57.61	58.39
Bicol Region	38.84	34.60	27.97	28.89	23.97
Western Visayas	96.34	94.94	90.58	103.42	97.05
Central Visayas	140.78	126.90	125.40	137.21	125.46
Eastern Visayas	37.40	43.41	44.85	43.88	39.60
Zamboanga Peninsula	58.52	52.16	57.28	77.61	83.66
Northern Mindanao	84.96	84.02	90.96	94.43	88.67
Davao Region	130.67	121.94	124.50	112.74	103.23
SOCCSKSARGEN	64.99	56.53	57.72	57.88	52.63
Caraga	198.96	202.23	176.64	187.42	153.86
ARMM	31.64	13.84	18.49	16.71	1.50

Table 3.7 MANGOSTEEN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**4,683**	**866**	**1,567**	**5,553**	**683**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	64	58	52	56	48
MIMAROPA	1	1	1	1	1
Bicol Region					
Western Visayas		248	220	235	22
Central Visayas	8	6	9	12	8
Eastern Visayas					
Zamboanga Peninsula	113	28	154	954	24
Northern Mindanao	153	119	134	184	69
Davao Region	410	369	406	701	480
SOCCSKSARGEN	558	4	21	835	12
Caraga	34	12	12	16	5
ARMM	3,341	21	558	2,558	15
Area (ha)					
PHILIPPINES	**1,991**	**2,214**	**2,263**	**2,287**	**2,313**
CAR					
Ilocos Region			1	1	1
Cagayan Valley			5	5	5
Central Luzon					
CALABARZON	9	9	10	10	10
MIMAROPA	6	6	5	5	5
Bicol Region					
Western Visayas		171	171	171	171
Central Visayas	20	20	22	22	25
Eastern Visayas					
Zamboanga Peninsula	395	397	417	443	443
Northern Mindanao	53	52	54	58	58
Davao Region	338	344	356	352	363
SOCCSKSARGEN	215	230	233	261	263
Caraga	29	29	33	33	43
ARMM	926	956	956	926	926
Yield Per Hectare (mt)					
PHILIPPINES	**2.35**	**0.39**	**0.69**	**2.43**	**0.30**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	7.08	6.43	5.24	5.59	4.80
MIMAROPA	0.20	0.18	0.24	0.24	0.23
Bicol Region					
Western Visayas		1.45	1.28	1.37	0.13
Central Visayas	0.42	0.29	0.39	0.53	0.33
Eastern Visayas					
Zamboanga Peninsula	0.29	0.07	0.37	2.15	0.05
Northern Mindanao	2.92	2.32	2.47	3.16	1.18
Davao Region	1.21	1.07	1.14	1.99	1.32
SOCCSKSARGEN	2.60	0.02	0.09	3.20	0.05
Caraga	1.18	0.41	0.36	0.48	0.11
ARMM	3.61	0.02	0.58	2.76	0.02

Table 3.7a MANGOSTEEN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**192,355**	**206,884**	**209,254**	**209,740**	**210,895**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	1,440	1,440	1,443	1,443	1,445
MIMAROPA	500	504	509	521	528
Bicol Region					
Western Visayas		13,725	13,725	13,725	13,725
Central Visayas	2,925	2,920	2,942	3,000	3,000
Eastern Visayas					
Zamboanga Peninsula	11,119	11,122	11,595	11,698	12,338
Northern Mindanao	3,796	3,657	3,696	3,770	3,768
Davao Region	16,745	17,682	18,232	18,391	18,668
SOCCSKSARGEN	17,810	17,812	18,880	19,155	19,166
Caraga	2,250	2,252	2,252	2,272	2,272
ARMM	135,770	135,770	135,980	135,765	135,985
BEARING TREES PER HECTARE					
PHILIPPINES	**97**	**93**	**92**	**92**	**91**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	160	160	144	144	145
MIMAROPA	83	81	113	104	106
Bicol Region					
Western Visayas		80	80	80	80
Central Visayas	146	146	134	136	120
Eastern Visayas					
Zamboanga Peninsula	28	28	28	26	28
Northern Mindanao	72	71	68	65	65
Davao Region	50	51	51	52	51
SOCCSKSARGEN	83	77	81	73	73
Caraga	78	79	69	69	53
ARMM	147	142	142	147	147
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**24.34**	**4.18**	**7.49**	**26.47**	**3.24**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	44.27	40.17	36.34	38.72	33.22
MIMAROPA	2.38	2.20	2.10	2.26	2.16
Bicol Region					
Western Visayas		18.07	16.03	17.14	1.57
Central Visayas	2.86	2.02	2.90	3.88	2.77
Eastern Visayas					
Zamboanga Peninsula	10.18	2.54	13.25	81.59	1.96
Northern Mindanao	40.33	32.64	36.27	48.80	18.22
Davao Region	24.47	20.84	22.25	38.10	25.69
SOCCSKSARGEN	31.33	0.20	1.13	43.61	0.62
Caraga	15.27	5.17	5.25	6.92	2.10
ARMM	24.61	0.15	4.11	18.84	0.11

Table 3.8 ORANGE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**5,148**	**4,870**	**4,663**	**4,337**	**3,984**
CAR	1,030	1,013	991	933	893
Ilocos Region	53	50	41	35	30
Cagayan Valley	976	960	940	824	722
Central Luzon	101	79	47	39	31
CALABARZON	123	38	75	65	56
MIMAROPA	14	11	10	9	7
Bicol Region	985	989	948	915	903
Western Visayas	46	46	47	47	45
Central Visayas	30	12	11	8	7
Eastern Visayas	101	109	113	111	108
Zamboanga Peninsula	61	60	52	49	48
Northern Mindanao	146	136	136	134	95
Davao Region	1,197	1,089	1,028	950	871
SOCCSKSARGEN	86	89	92	95	92
Caraga	130	124	105	52	32
ARMM	69	66	28	70	45
Area (ha)					
PHILIPPINES	**1,817**	**1,677**	**1,657**	**1,630**	**1,556**
CAR	178	179	179	178	174
Ilocos Region	27	24	20	17	13
Cagayan Valley	354	354	359	351	349
Central Luzon	16	10	9	6	5
CALABARZON	125	13	12	11	9
MIMAROPA	4	4	3	3	3
Bicol Region	484	484	472	484	474
Western Visayas	31	30	30	30	30
Central Visayas	26	16	16	16	15
Eastern Visayas	48	50	51	51	51
Zamboanga Peninsula	40	39	38	32	21
Northern Mindanao	62	60	60	60	49
Davao Region	249	246	240	232	221
SOCCSKSARGEN	21	20	21	21	23
Caraga	75	72	71	68	52
ARMM	77	77	76	70	68
Yield Per Hectare (mt)					
PHILIPPINES	**2.83**	**2.90**	**2.81**	**2.66**	**2.56**
CAR	5.79	5.66	5.53	5.24	5.13
Ilocos Region	1.95	2.11	2.04	2.05	2.29
Cagayan Valley	2.76	2.71	2.62	2.35	2.07
Central Luzon	6.31	7.87	5.20	6.57	6.29
CALABARZON	0.98	2.96	6.25	5.92	6.17
MIMAROPA	3.51	3.26	3.17	3.12	2.49
Bicol Region	2.03	2.04	2.01	1.89	1.91
Western Visayas	1.50	1.54	1.58	1.58	1.48
Central Visayas	1.15	0.76	0.69	0.49	0.45
Eastern Visayas	2.10	2.17	2.22	2.18	2.11
Zamboanga Peninsula	1.53	1.53	1.37	1.52	2.28
Northern Mindanao	2.36	2.26	2.26	2.23	1.93
Davao Region	4.81	4.43	4.28	4.10	3.95
SOCCSKSARGEN	4.12	4.43	4.39	4.52	4.04
Caraga	1.73	1.73	1.48	0.76	0.61
ARMM	0.90	0.86	0.36	1.00	0.66

Table 3.8a ORANGE: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**229,281**	**204,306**	**202,059**	**199,128**	**189,096**
CAR	27,721	27,831	27,831	26,759	25,864
Ilocos Region	3,743	3,442	2,907	2,505	2,125
Cagayan Valley	61,595	61,585	61,580	61,568	61,203
Central Luzon	2,960	1,800	1,640	1,140	740
CALABARZON	19,725	910	870	870	830
MIMAROPA	860	760	480	500	400
Bicol Region	33,510	33,500	33,504	33,504	32,558
Western Visayas	4,000	3,890	3,428	3,463	3,473
Central Visayas	4,450	3,000	3,000	3,000	2,200
Eastern Visayas	5,365	5,425	5,720	5,725	5,758
Zamboanga Peninsula	4,458	4,488	4,346	4,020	2,910
Northern Mindanao	7,995	7,726	7,726	7,734	6,354
Davao Region	30,880	28,930	28,311	28,135	26,688
SOCCSKSARGEN	2,409	2,239	2,286	2,325	2,325
Caraga	9,550	8,700	8,450	8,150	6,308
ARMM	10,060	10,080	9,980	9,730	9,360
BEARING TREES PER HECTARE					
PHILIPPINES	**126**	**122**	**122**	**122**	**122**
CAR	156	155	155	150	149
Ilocos Region	139	146	145	147	163
Cagayan Valley	174	174	172	175	176
Central Luzon	185	180	182	190	148
CALABARZON	158	70	73	79	92
MIMAROPA	215	217	160	167	133
Bicol Region	69	69	71	69	69
Western Visayas	129	130	114	115	116
Central Visayas	171	188	188	188	147
Eastern Visayas	112	109	112	112	113
Zamboanga Peninsula	111	115	114	126	139
Northern Mindanao	129	129	129	129	130
Davao Region	124	118	118	121	121
SOCCSKSARGEN	115	112	109	111	102
Caraga	127	121	119	120	121
ARMM	131	131	131	139	138
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**22.45**	**23.83**	**23.08**	**21.78**	**21.07**
CAR	37.16	36.39	35.59	34.87	34.52
Ilocos Region	14.05	14.41	14.04	13.95	14.02
Cagayan Valley	15.85	15.58	15.27	13.39	11.80
Central Luzon	34.10	43.71	28.56	34.60	42.49
CALABARZON	6.22	42.25	86.23	74.82	66.94
MIMAROPA	16.34	15.00	19.83	18.72	18.68
Bicol Region	29.39	29.52	28.28	27.31	27.74
Western Visayas	11.59	11.87	13.82	13.67	12.81
Central Visayas	6.74	4.08	3.69	2.59	3.09
Eastern Visayas	18.77	20.04	19.81	19.40	18.71
Zamboanga Peninsula	13.70	13.29	11.96	12.12	16.45
Northern Mindanao	18.28	17.56	17.59	17.29	14.92
Davao Region	38.77	37.64	36.30	33.77	32.65
SOCCSKSARGEN	35.90	39.61	40.29	40.83	39.56
Caraga	13.56	14.29	12.41	6.36	5.05
ARMM	6.85	6.54	2.77	7.16	4.77

Table 3.9 PAPAYA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**164,234**	**182,907**	**176,656**	**165,981**	**157,907**
CAR	1,655	1,667	1,675	1,644	1,587
Ilocos Region	4,122	3,982	3,561	3,293	3,290
Cagayan Valley	3,043	2,996	2,887	2,290	1,739
Central Luzon	3,391	3,977	3,852	3,934	3,987
CALABARZON	10,528	10,356	9,677	8,440	9,128
MIMAROPA	3,263	3,544	3,751	3,757	3,894
Bicol Region	8,244	9,305	9,574	9,703	9,551
Western Visayas	7,117	6,435	6,483	6,188	6,333
Central Visayas	7,422	7,425	7,741	6,857	6,733
Eastern Visayas	2,851	2,957	3,038	3,064	3,034
Zamboanga Peninsula	5,854	5,878	5,793	5,668	5,521
Northern Mindanao	35,629	39,045	36,480	29,152	21,125
Davao Region	18,421	21,408	17,261	14,686	12,117
SOCCSKSARGEN	47,462	58,730	59,945	62,848	65,843
Caraga	2,125	2,102	1,879	1,631	1,169
ARMM	3,104	3,101	3,060	2,827	2,855
Area (ha)					
PHILIPPINES	**9,125**	**9,175**	**8,904**	**8,751**	**8,647**
CAR	223	217	217	208	207
Ilocos Region	341	320	316	298	303
Cagayan Valley	440	443	433	423	396
Central Luzon	639	659	671	692	697
CALABARZON	718	711	691	641	664
MIMAROPA	347	351	354	367	375
Bicol Region	584	588	581	587	580
Western Visayas	826	808	725	752	765
Central Visayas	404	390	382	364	348
Eastern Visayas	459	470	477	478	479
Zamboanga Peninsula	615	619	607	614	621
Northern Mindanao	940	1,022	958	899	856
Davao Region	766	759	731	632	580
SOCCSKSARGEN	1,399	1,365	1,332	1,387	1,379
Caraga	273	296	270	255	244
ARMM	152	158	159	154	154
Yield Per Hectare (mt)					
PHILIPPINES	**18.00**	**19.93**	**19.84**	**18.97**	**18.26**
CAR	7.42	7.67	7.72	7.90	7.67
Ilocos Region	12.11	12.42	11.27	11.05	10.87
Cagayan Valley	6.91	6.76	6.67	5.41	4.39
Central Luzon	5.31	6.04	5.74	5.69	5.72
CALABARZON	14.66	14.57	14.00	13.18	13.75
MIMAROPA	9.40	10.11	10.60	10.23	10.37
Bicol Region	14.12	15.82	16.48	16.52	16.47
Western Visayas	8.62	7.96	8.94	8.23	8.27
Central Visayas	18.37	19.04	20.26	18.84	19.35
Eastern Visayas	6.21	6.30	6.37	6.41	6.33
Zamboanga Peninsula	9.53	9.50	9.54	9.23	8.89
Northern Mindanao	37.91	38.20	38.06	32.42	24.68
Davao Region	24.05	28.22	23.61	23.24	20.89
SOCCSKSARGEN	33.94	43.03	45.00	45.31	47.76
Caraga	7.78	7.10	6.96	6.40	4.79
ARMM	20.37	19.64	19.24	18.41	18.57

Table 3.9a PAPAYA: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**5,599,575**	**5,670,826**	**5,528,962**	**5,549,324**	**5,440,347**
CAR	91,831	91,289	91,190	89,771	87,531
Ilocos Region	190,241	183,524	171,781	164,528	163,139
Cagayan Valley	249,688	248,076	239,072	226,893	199,656
Central Luzon	298,070	307,238	320,691	328,348	328,964
CALABARZON	425,952	420,584	404,115	370,596	374,944
MIMAROPA	152,821	154,436	156,526	163,248	166,515
Bicol Region	307,835	309,043	312,866	315,151	312,962
Western Visayas	370,853	368,675	337,319	344,575	340,941
Central Visayas	179,225	169,298	166,554	154,011	150,877
Eastern Visayas	162,545	167,043	168,690	172,298	165,389
Zamboanga Peninsula	303,363	303,780	295,728	497,783	486,927
Northern Mindanao	755,668	836,263	783,517	724,842	716,132
Davao Region	591,658	590,163	562,125	429,430	400,508
SOCCSKSARGEN	1,291,865	1,283,146	1,283,890	1,340,822	1,333,721
Caraga	142,955	152,328	143,648	136,228	120,818
ARMM	85,005	85,940	91,250	90,800	91,323
BEARING TREES PER HECTARE					
PHILIPPINES	**614**	**618**	**621**	**634**	**629**
CAR	412	420	420	432	423
Ilocos Region	559	573	544	552	539
Cagayan Valley	567	560	552	536	504
Central Luzon	466	466	478	474	472
CALABARZON	593	592	585	579	565
MIMAROPA	440	440	442	444	444
Bicol Region	527	526	538	537	540
Western Visayas	449	456	465	458	445
Central Visayas	444	434	436	423	434
Eastern Visayas	354	356	354	361	345
Zamboanga Peninsula	494	491	487	811	784
Northern Mindanao	804	818	818	806	837
Davao Region	772	778	769	679	691
SOCCSKSARGEN	924	940	964	967	967
Caraga	524	515	532	534	495
ARMM	558	544	574	592	594
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**29.33**	**32.25**	**31.95**	**29.91**	**29.03**
CAR	18.02	18.26	18.37	18.31	18.13
Ilocos Region	21.67	21.69	20.73	20.01	20.17
Cagayan Valley	12.19	12.08	12.07	10.09	8.71
Central Luzon	11.38	12.95	12.01	11.98	12.12
CALABARZON	24.72	24.62	23.94	22.77	24.35
MIMAROPA	21.35	22.95	23.96	23.02	23.38
Bicol Region	26.78	30.11	30.60	30.79	30.52
Western Visayas	19.19	17.45	19.22	17.96	18.58
Central Visayas	41.41	43.86	46.48	44.52	44.62
Eastern Visayas	17.54	17.70	18.01	17.78	18.34
Zamboanga Peninsula	19.30	19.35	19.59	11.39	11.34
Northern Mindanao	47.15	46.69	46.56	40.22	29.50
Davao Region	31.13	36.27	30.71	34.20	30.25
SOCCSKSARGEN	36.74	45.77	46.69	46.87	49.37
Caraga	14.86	13.80	13.08	11.97	9.67
ARMM	36.52	36.08	33.53	31.13	31.26

HIGHLIGHTS

PINEAPPLE

Pineapple production grew by an average of 2.74 percent from 2007 to 2011 (Figure 1). Area planted increased by 2.01 percent during the same reference period.

In 2011, pineapple production was 2,247 thousand mt. This was higher by 2.01 percent from the 2010 level. This was due to the expansion on area planted in plantation farms in Northern Mindanao, namely: Del Monte, Lapaday, MKADC, Asian Hybrid, DAVCO and Dole. Increase in area planted was also noted in Bicol Region.

Figure 1. Pineapple: Volume of production and area planted, Philippines, 2007-2011

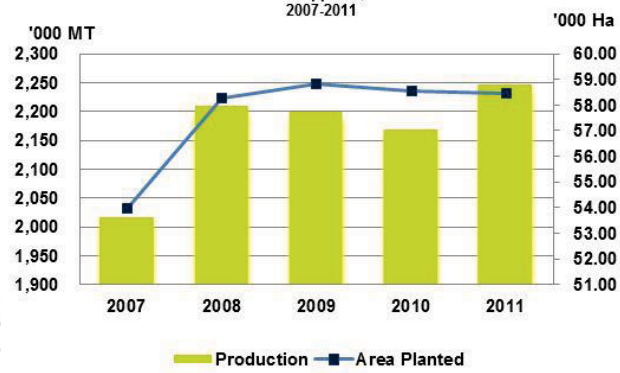
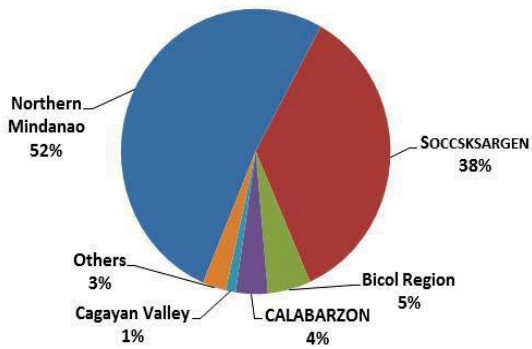


Figure 2. Pineapple: Top producing regions, Philippines, 2011



Northern Mindanao and SOCCSKSARGEN shared about 90 percent in the total pineapple production of the Philippines (Figure 2). These two (2) regions registered the largest areas planted accounting for 77 percent of the total area devoted to pineapple production.

Table 3.10 PINEAPPLE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**2,016,462**	**2,209,336**	**2,198,497**	**2,169,233**	**2,246,806**
CAR	688	711	716	683	687
Ilocos Region	202	206	195	195	197
Cagayan Valley	28,630	30,815	32,574	29,375	26,703
Central Luzon	1,292	1,363	1,406	1,452	1,439
CALABARZON	84,049	86,168	88,375	87,561	86,178
MIMAROPA	188	223	233	252	295
Bicol Region	116,816	111,530	109,967	112,205	116,123
Western Visayas	14,776	15,184	15,424	14,317	16,263
Central Visayas	4,535	4,887	4,867	4,173	4,626
Eastern Visayas	6,850	7,397	7,476	7,468	7,377
Zamboanga Peninsula	2,337	2,436	2,289	1,992	1,864
Northern Mindanao	924,505	1,007,022	1,026,905	1,067,608	1,159,698
Davao Region	22,452	22,303	22,440	22,840	25,306
SOCCSKSARGEN	803,761	913,280	879,836	813,251	794,841
Caraga	4,345	4,738	4,684	4,725	4,136
ARMM	1,037	1,072	1,109	1,135	1,072
Area (ha)					
PHILIPPINES	**53,978**	**58,251**	**58,823**	**58,547**	**58,457**
CAR	122	115	117	117	114
Ilocos Region	40	38	31	30	27
Cagayan Valley	1,366	1,394	1,424	1,506	1,528
Central Luzon	128	136	143	146	151
CALABARZON	4,376	4,368	4,034	4,023	3,869
MIMAROPA	49	52	58	66	70
Bicol Region	3,323	3,115	3,109	3,079	3,084
Western Visayas	727	730	733	725	782
Central Visayas	443	443	452	451	452
Eastern Visayas	523	551	557	560	566
Zamboanga Peninsula	438	422	399	398	356
Northern Mindanao	18,924	18,994	20,847	21,547	21,979
Davao Region	2,074	2,064	2,060	2,053	2,052
SOCCSKSARGEN	20,826	25,202	24,218	23,269	22,850
Caraga	543	545	527	488	488
ARMM	76	81	115	89	90
Yield Per Hectare (mt)					
PHILIPPINES	**37.36**	**37.93**	**37.37**	**37.05**	**38.44**
CAR	5.64	6.18	6.12	5.83	6.03
Ilocos Region	5.05	5.42	6.30	6.51	7.23
Cagayan Valley	20.96	22.11	22.88	19.51	17.48
Central Luzon	10.09	10.02	9.83	9.94	9.53
CALABARZON	19.21	19.73	21.91	21.77	22.27
MIMAROPA	3.84	4.28	4.02	3.84	4.25
Bicol Region	35.15	35.80	35.37	36.44	37.65
Western Visayas	20.32	20.80	21.04	19.75	20.80
Central Visayas	10.24	11.03	10.76	9.25	10.25
Eastern Visayas	13.10	13.42	13.43	13.34	13.03
Zamboanga Peninsula	5.34	5.77	5.74	5.00	5.23
Northern Mindanao	48.85	53.02	49.26	49.55	52.76
Davao Region	10.83	10.81	10.90	11.13	12.33
SOCCSKSARGEN	38.59	36.24	36.33	34.95	34.79
Caraga	8.00	8.69	8.89	9.68	8.47
ARMM	13.64	13.24	9.64	12.75	11.92

Table 3.11 RAMBUTAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**14,915**	**8,553**	**9,435**	**12,743**	**6,271**
CAR	37	40	41	43	31
Ilocos Region	60	65	62	69	76
Cagayan Valley	323	376	384	434	422
Central Luzon	15	20	23	27	25
CALABARZON	6,221	4,419	4,168	4,384	2,700
MIMAROPA	354	338	335	362	342
Bicol Region	17	18	19	21	20
Western Visayas	166	99	154	194	121
Central Visayas	5	6	58	84	46
Eastern Visayas	14	14	16	17	15
Zamboanga Peninsula	339	194	347	924	290
Northern Mindanao	373	206	317	369	269
Davao Region	2,248	1,223	1,429	1,833	859
SOCCSKSARGEN	4,639	1,431	1,976	3,844	996
Caraga	83	87	88	118	51
ARMM	21	16	19	21	7
Area (ha)					
PHILIPPINES	**5,631**	**5,669**	**5,672**	**5,743**	**5,849**
CAR	31	31	31	32	32
Ilocos Region	30	32	33	35	36
Cagayan Valley	62	62	65	65	65
Central Luzon	6	6	6	8	8
CALABARZON	1,616	1,616	1,617	1,628	1,730
MIMAROPA	718	704	673	675	672
Bicol Region	16	16	17	17	17
Western Visayas	79	97	72	73	73
Central Visayas	15	16	33	45	47
Eastern Visayas	11	16	17	17	18
Zamboanga Peninsula	323	340	366	385	397
Northern Mindanao	185	185	186	186	186
Davao Region	723	724	730	739	748
SOCCSKSARGEN	1,346	1,352	1,352	1,357	1,339
Caraga	443	445	449	455	455
ARMM	27	27	27	27	27
Yield Per Hectare (mt)					
PHILIPPINES	**2.65**	**1.51**	**1.66**	**2.22**	**1.07**
CAR	1.20	1.29	1.31	1.35	0.98
Ilocos Region	1.99	2.02	1.87	1.97	2.08
Cagayan Valley	5.22	6.07	5.90	6.67	6.49
Central Luzon	2.42	3.33	3.83	3.38	3.15
CALABARZON	3.85	2.73	2.58	2.69	1.56
MIMAROPA	0.49	0.48	0.50	0.54	0.51
Bicol Region	1.08	1.12	1.15	1.26	1.22
Western Visayas	2.10	1.02	2.14	2.66	1.66
Central Visayas	0.32	0.37	1.79	1.88	0.99
Eastern Visayas	1.26	0.89	0.94	0.97	0.86
Zamboanga Peninsula	1.05	0.57	0.95	2.40	0.73
Northern Mindanao	2.02	1.12	1.71	1.99	1.45
Davao Region	3.11	1.69	1.96	2.48	1.15
SOCCSKSARGEN	3.45	1.06	1.46	2.83	0.74
Caraga	0.19	0.20	0.20	0.26	0.11
ARMM	0.76	0.58	0.70	0.76	0.26

Table 3.11a RAMBUTAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**407,939**	**411,808**	**416,805**	**429,293 R/**	**427,941**
CAR	1,078	1,100	1,120	1,320	1,270
Ilocos Region	1,522	1,664	1,693	1,901	2,051
Cagayan Valley	3,585	3,550	3,550	6,750	6,700
Central Luzon	600	800	800	900	1,050
CALABARZON	166,710	169,640	169,690 R/	170,308	170,808
MIMAROPA	23,965	23,463	23,170	23,220	23,345
Bicol Region	1,252	1,252	1,284	1,284	1,263
Western Visayas	5,660	5,660	5,568	5,648 R/	5,698
Central Visayas	1,450	1,630	2,681	4,285	4,300
Eastern Visayas	890	950	1,013	1,021	1,030
Zamboanga Peninsula	9,650	10,432	11,800	16,652	17,162
Northern Mindanao	17,791	17,560	17,852	17,922	17,552
Davao Region	50,095	50,271	51,741	52,472	51,540
SOCCSKSARGEN	110,623	110,623	111,300	111,942	110,604
Caraga	9,540	9,540	9,865	9,990	9,890
ARMM	3,528	3,673	3,678	3,678	3,678
BEARING TREES PER HECTARE					
PHILIPPINES	**72**	**73**	**73**	**75**	**73**
CAR	35	35	36	41	40
Ilocos Region	51	52	51	54	56
Cagayan Valley	58	57	55	104	103
Central Luzon	100	133	133	113	131
CALABARZON	103	105	105	105	99
MIMAROPA	33	33	34	34	35
Bicol Region	78	78	78	78	77
Western Visayas	72	58	77	77	78
Central Visayas	97	102	82	96	92
Eastern Visayas	81	59	60	60	57
Zamboanga Peninsula	30	31	32	43	43
Northern Mindanao	96	95	96	96	94
Davao Region	69	69	71	71	69
SOCCSKSARGEN	82	82	82	82	83
Caraga	22	21	22	22	22
ARMM	131	136	136	136	136
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**36.56**	**20.77**	**22.64**	**29.68**	**14.65**
CAR	34.55	36.27	36.37	32.80	24.69
Ilocos Region	39.17	38.89	36.46	36.41	36.88
Cagayan Valley	90.20	105.94	108.10	64.24	62.94
Central Luzon	24.17	25.00	28.75	30.00	24.03
CALABARZON	37.32	26.05	24.56	25.74	15.81
MIMAROPA	14.79	14.42	14.46	15.59	14.66
Bicol Region	13.84	14.33	14.84	16.25	16.00
Western Visayas	29.33	17.53	27.66	34.42 R/	21.28
Central Visayas	3.34	3.63	21.80	19.53	10.78
Eastern Visayas	15.61	14.93	15.82	16.22	14.94
Zamboanga Peninsula	35.15	18.58	29.40	55.49	16.91
Northern Mindanao	20.94	11.74	17.77	20.58	15.30
Davao Region	44.87	24.33	27.62	34.93	16.67
SOCCSKSARGEN	41.94	12.93	17.75	34.34	9.00
Caraga	8.72	9.11	8.90	11.77	5.12
ARMM	5.81	4.24	5.17	5.58	1.89

R/ - Revised

Table 3.12 TAMARIND FRUIT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**11,804**	**11,052**	**10,063**	**9,032**	**8,122**
CAR	12	13	13	13	13
Ilocos Region	2,635	2,568	2,489	2,556	2,525
Cagayan Valley	3,796	3,555	2,984	2,109	1,558
Central Luzon	2,148	1,857	1,730	1,677	1,620
CALABARZON	161	156	152	139	106
MIMAROPA	190	191	193	196	196
Bicol Region	148	157	163	168	165
Western Visayas	92	93	87	82	82
Central Visayas	624	484	351	320	220
Eastern Visayas	48	49	50	50	48
Zamboanga Peninsula	295	269	245	212	190
Northern Mindanao	62	58	47	41	31
Davao Region	1,332	1,329	1,285	1,208	1,127
SOCCSKSARGEN	241	252	261	252	241
Caraga	13	13	12	6	
ARMM	9	9	1	1	
Area (ha)					
PHILIPPINES	**2,690**	**2,681**	**2,641**	**2,598**	**2,540**
CAR	10	10	10	10	10
Ilocos Region	1,169	1,167	1,150	1,132	1,126
Cagayan Valley	355	355	355	329	297
Central Luzon	190	188	183	185	187
CALABARZON	101	101	100	98	98
MIMAROPA	99	97	93	93	92
Bicol Region	85	82	82	82	81
Western Visayas	135	134	133	131	131
Central Visayas	226	224	215	215	197
Eastern Visayas	27	29	30	30	29
Zamboanga Peninsula	97	98	98	99	103
Northern Mindanao	9	9	7	7	7
Davao Region	134	133	130	131	128
SOCCSKSARGEN	42	43	43	45	44
Caraga	6	6	6	6	6
ARMM	5	5	5	4	4
Yield Per Hectare (mt)					
PHILIPPINES	**4.39**	**4.12**	**3.81**	**3.48**	**3.20**
CAR	1.24	1.27	1.29	1.32	1.35
Ilocos Region	2.25	2.20	2.16	2.26	2.24
Cagayan Valley	10.69	10.02	8.41	6.41	5.24
Central Luzon	11.31	9.88	9.45	9.06	8.66
CALABARZON	1.59	1.54	1.52	1.41	1.08
MIMAROPA	1.91	1.97	2.07	2.11	2.13
Bicol Region	1.74	1.92	1.99	2.05	2.04
Western Visayas	0.68	0.69	0.65	0.63	0.62
Central Visayas	2.76	2.16	1.63	1.49	1.12
Eastern Visayas	1.78	1.69	1.64	1.64	1.63
Zamboanga Peninsula	3.04	2.75	2.50	2.14	1.85
Northern Mindanao	7.26	6.76	6.69	5.58	4.20
Davao Region	9.94	9.97	9.86	9.20	8.81
SOCCSKSARGEN	5.74	5.87	6.07	5.60	5.47
Caraga	2.09	2.13	2.27	1.07	
ARMM	1.74	1.76	0.20	0.28	

Table 3.12a TAMARIND FRUIT: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**154,331**	**151,398**	**148,700**	**145,344**	**142,590**
CAR	1,350	1,382	1,391	1,395	1,395
Ilocos Region	63,998	61,428	60,461	58,331	57,995
Cagayan Valley	26,205	26,178	26,173	24,382	23,135
Central Luzon	10,365	10,210	9,260	9,880	9,905
CALABARZON	6,070	6,117	6,062	6,032	5,962
MIMAROPA	4,560	4,610	4,552	4,577	4,581
Bicol Region	4,276	4,280	4,290	4,290	4,215
Western Visayas	9,544	9,439	9,218	9,097	9,093
Central Visayas	7,514	7,454	7,174	7,198	6,611
Eastern Visayas	1,387	1,412	1,443	1,450	1,482
Zamboanga Peninsula	6,406	6,326	6,330	6,380	6,459
Northern Mindanao	762	707	638	614	613
Davao Region	8,884	8,820	8,636	8,594	8,262
SOCCSKSARGEN	2,325	2,360	2,403	2,450	2,372
Caraga	415	405	405	410	290
ARMM	270	270	264	264	220
BEARING TREES PER HECTARE					
PHILIPPINES	**57**	**56**	**56**	**56**	**56**
CAR	135	138	139	140	140
Ilocos Region	55	53	53	52	51
Cagayan Valley	74	74	74	74	78
Central Luzon	55	54	51	53	53
CALABARZON	60	61	61	62	61
MIMAROPA	46	48	49	49	50
Bicol Region	50	52	52	52	52
Western Visayas	71	70	69	69	69
Central Visayas	33	33	33	33	34
Eastern Visayas	51	48	47	48	50
Zamboanga Peninsula	66	65	65	64	63
Northern Mindanao	90	83	91	83	83
Davao Region	66	66	66	65	65
SOCCSKSARGEN	55	55	56	54	54
Caraga	69	68	74	75	53
ARMM	54	54	53	66	59
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**76.49**	**73.00**	**73.00**	**67.67**	**56.96**
CAR	9.15	9.17	9.29	9.45	9.64
Ilocos Region	41.17	41.80	41.16	43.82	43.54
Cagayan Valley	144.86	135.82	114.02	86.51	67.33
Central Luzon	207.23	181.84	186.83	169.71	163.55
CALABARZON	26.53	25.45	25.04	22.97	17.71
MIMAROPA	41.56	41.54	42.32	42.93	42.78
Bicol Region	34.52	36.76	38.08	39.27	39.20
Western Visayas	9.62	9.81	9.44	9.03	8.99
Central Visayas	83.00	64.94	48.89	44.47	33.30
Eastern Visayas	34.84	34.98	34.46	34.30	32.44
Zamboanga Peninsula	46.01	42.59	38.72	33.28	29.46
Northern Mindanao	81.06	81.33	73.39	67.28	50.73
Davao Region	149.95	150.63	148.75	140.58	136.45
SOCCSKSARGEN	103.65	106.89	108.66	102.95	101.49
Caraga	30.24	31.58	30.81	14.39	
ARMM	32.22	32.59	3.79	4.17	

R/ - Revised

Table 3.13 WATERMELON: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010		2011
Production (mt)						
PHILIPPINES	**125,863**	**103,248**	**97,106**	**110,238**		**101,524**
CAR	372	373	377	378		376
Ilocos Region	32,536	27,504	23,846	22,247		24,567
Cagayan Valley	12,706	13,499	10,419	10,451		9,541
Central Luzon	12,109	7,171	6,259	7,233		6,505
CALABARZON	3,672	3,142	2,693	3,454		2,581
MIMAROPA	2,028	2,101	2,119	2,298		2,338
Bicol Region	8,002	4,053	3,682	4,671		5,104
Western Visayas	44,663	36,098	38,380	49,140		42,929
Central Visayas	1,050	1,398	1,367	1,438		818
Eastern Visayas	676	681	674	799		778
Zamboanga Peninsula	1,152	889	838	998		665
Northern Mindanao	1,158	1,011	1,030	1,241		1,129
Davao Region	995	1,037	1,063	1,023		970
SOCCSKSARGEN	1,671	1,352	1,341	1,816		1,276
Caraga	2,919	2,814	2,902	2,900		1,914
ARMM	152	127	115	153		33
Area (ha)						
PHILIPPINES	**7,234**	**6,246**	**6,237**	**6,703**	**R/**	**6,102**
CAR	20	20	20	20		20
Ilocos Region	1,166	1,033	944	885		884
Cagayan Valley	670	701	652	633	R/	568
Central Luzon	1,466	1,040	1,014	1,035		998
CALABARZON	220	224	242	291		224
MIMAROPA	183	193	195	206		208
Bicol Region	393	158	163	187		176
Western Visayas	1,835	1,646	1,741	2,185		1,959
Central Visayas	45	52	53	50		31
Eastern Visayas	100	104	110	113		110
Zamboanga Peninsula	153	143	121	146		78
Northern Mindanao	226	221	224	241		224
Davao Region	132	129	157	160		183
SOCCSKSARGEN	194	163	170	197		162
Caraga	366	352	368	294		262
ARMM	66	68	64	61		16
Yield Per Hectare (mt)						
PHILIPPINES	**17.40**	**16.53**	**15.57**	**16.45**		**16.64**
CAR	18.61	18.64	18.84	18.89		18.82
Ilocos Region	27.89	26.63	25.27	25.14		27.79
Cagayan Valley	18.96	19.26	15.98	16.52		16.80
Central Luzon	8.26	6.90	6.17	6.99		6.52
CALABARZON	16.69	14.03	11.13	11.87		11.52
MIMAROPA	11.07	10.91	10.86	11.16		11.23
Bicol Region	20.36	25.60	22.59	24.98		29.00
Western Visayas	24.34	21.93	22.05	22.49		21.92
Central Visayas	23.55	26.75	25.73	28.62		26.81
Eastern Visayas	6.74	6.58	6.13	7.10		7.08
Zamboanga Peninsula	7.56	6.22	6.93	6.84		8.58
Northern Mindanao	5.14	4.58	4.60	5.14		5.05
Davao Region	7.54	8.07	6.79	6.39		5.30
SOCCSKSARGEN	8.61	8.30	7.89	9.24		7.86
Caraga	7.97	7.99	7.89	9.87		7.31
ARMM	2.30	1.87	1.79	2.50		2.03

R/ - Revised

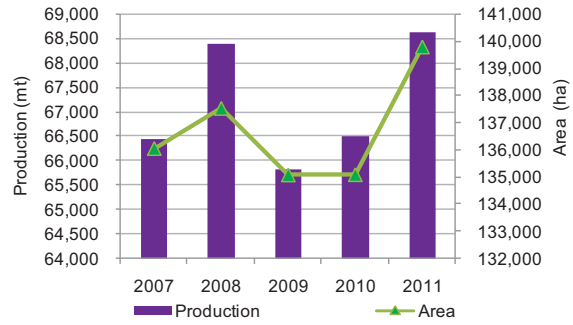
C. NON-FOOD & INDUSTRIAL CROPS

HIGHLIGHTS

ABACA

Area and production of abaca fluctuated from 2007 to 2011. From 2009 to 2011, production went up annually by an average of 2.10 percent while area expanded by 1.72 percent. Abaca production improved by 3.16 percent to 68.61 thousand mt in 2011 from 66.51 thousand mt in 2010 (Figure 1). Favorable weather in Bicol Region, the availability of spindle machines extended by private companies in Zamboanga Sibugay, and the high demand and satisfactory price of abaca fibers induced harvesting of abaca. Likewise, output of Western Visayas went up as a result of replanting program of the DA and LGUs of Aklan. Area planted in 2011 also increased by 3.47 percent to 139.77 thousand hectares from 135.09 thousand hectares in 2010.

Figure 1. Abaca: Production and Area Planted, Philippines, 2007-2011



Bicol Region was the top producer of abaca fiber in 2011. The region produced 22.65 thousand mt of abaca or 33.0 percent of the country's total production. In spite of the continuous incidence of bunchy tops and mosaic diseases, Eastern Visayas was the 2nd top abaca producer with 20.02 thousand mt of output share at 29.18 percent. The other major producers were Davao Region with 9.23 thousand mt or 13.45 percent share and Caraga Region with 6.03 thousand mt or 8.79 percent contribution to the national production (Figure 2).

Figure 2. Abaca: Top Producing Regions, Philippines, 2011

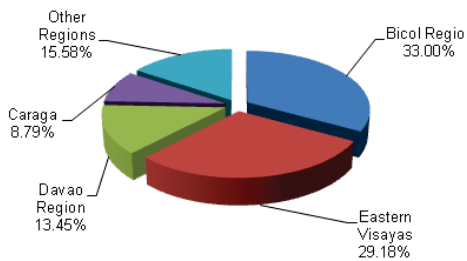


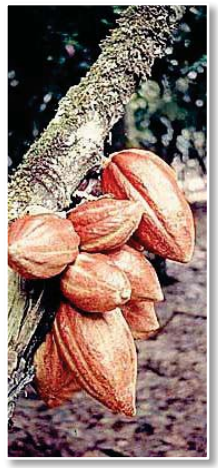
Table 4.1 ABACA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

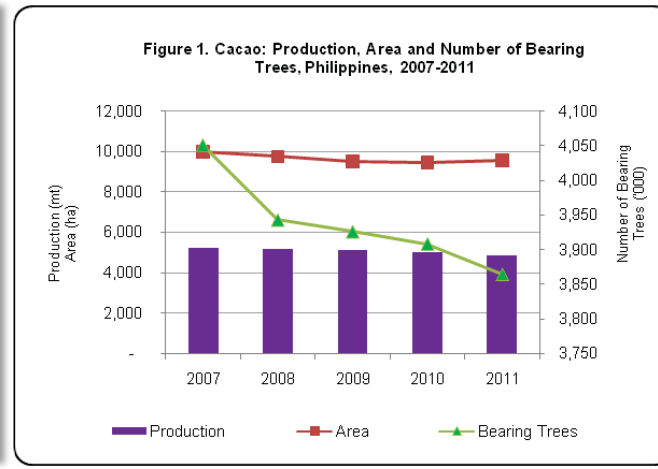
Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**66,437**	**68,386**	**65,825**	**66,512**	**68,613**
CAR	14	13	13	13	13
Ilocos Region					
Cagayan Valley					
Central Luzon	53	80	100	109	111
CALABARZON	52	24	21	2	4
MIMAROPA	69	72	74	77	89
Bicol Region	17,145	18,363	18,833	20,264	22,645
Western Visayas	1,338	1,679	1,568	1,492	1,853
Central Visayas	470	731	383	332	397
Eastern Visayas	24,752	23,779	21,239	20,326	20,023
Zamboanga Peninsula	221	177	198	231	631
Northern Mindanao	1,569	1,615	1,741	1,768	1,825
Davao Region	9,554	10,247	10,212	10,242	9,226
SOCCSKSARGEN	727	741	800	828	878
Caraga	5,835	6,084	5,861	6,059	6,031
ARMM	4,638	4,779	4,781	4,768	4,886
Area (ha)					
PHILIPPINES	**136,049**	**137,520**	**135,081**	**135,090**	**139,771**
CAR	600	870	870	579	579
Ilocos Region					
Cagayan Valley					
Central Luzon	480	508	510	520	529
CALABARZON	199	294	250	251	345
MIMAROPA	1,122	1,127	1,172	1,183	1,369
Bicol Region	42,663	42,662	42,662	41,748	42,864
Western Visayas	4,020	4,001	3,946	3,903	6,562
Central Visayas	3,087	3,097	3,097	3,097	3,338
Eastern Visayas	45,068	44,943	42,388	40,602	39,513
Zamboanga Peninsula	1,885	1,869	1,919	1,932	1,948
Northern Mindanao	4,993	4,990	5,036	4,834	4,816
Davao Region	10,120	10,777	10,808	12,166	13,544
SOCCSKSARGEN	4,018	4,555	4,589	4,582	4,615
Caraga	9,891	9,912	9,920	11,780	11,729
ARMM	7,902	7,914	7,914	7,913	8,020
Yield Per Hectare (mt)					
PHILIPPINES	**0.49**	**0.50**	**0.49**	**0.49**	**0.49**
CAR	0.02	0.02	0.02	0.02	0.02
Ilocos Region					
Cagayan Valley					
Central Luzon	0.11	0.16	0.20	0.21	0.21
CALABARZON	0.26	0.08	0.09	0.01	0.01
MIMAROPA	0.06	0.06	0.06	0.06	0.06
Bicol Region	0.40	0.43	0.44	0.49	0.53
Western Visayas	0.33	0.42	0.40	0.38	0.28
Central Visayas	0.15	0.24	0.12	0.11	0.12
Eastern Visayas	0.55	0.53	0.50	0.50	0.51
Zamboanga Peninsula	0.12	0.09	0.10	0.12	0.32
Northern Mindanao	0.31	0.32	0.35	0.37	0.38
Davao Region	0.94	0.95	0.94	0.84	0.68
SOCCSKSARGEN	0.18	0.16	0.17	0.18	0.19
Caraga	0.59	0.61	0.59	0.51	0.51
ARMM	0.59	0.60	0.60	0.60	0.61

HIGHLIGHTS

CACAO

Cacao production decreased by an annual average rate of 1.87 percent from 2007 to 2011 (Figure 1). Annual average decreases in area planted, number of bearing trees and yield per bearing tree were 1.02 percent, 1.16 percent and 0.71 percent, respectively. In 2011, production was 4.86 thousand mt, 3.25 percent lower than the level of 5.02 thousand mt in 2010.





The top producing regions and their contributions to the national output in 2011 were Davao Region, 74.48 percent; Northern Mindanao, 8.16 percent; Eastern Visayas, 2.4 percent; and Zamboanga Peninsula, 2.31 percent (Figure 2).

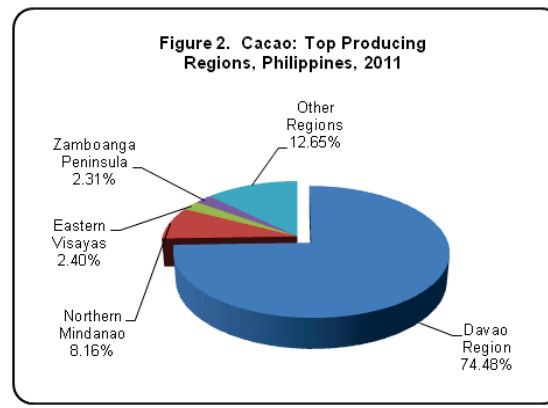


Table 4.2 CACAO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**5,237**	**5,149**	**5,134**	**5,019**	**4,856**
CAR	14	13	14	14	14
Ilocos Region	48	50	49	46	45
Cagayan Valley	104	109	116	83	64
Central Luzon	38	40	41	42	44
CALABARZON	26	23	22	22	21
MIMAROPA	40	44	49	57	61
Bicol Region	23	29	30	31	32
Western Visayas	80	77	74	67	59
Central Visayas	72	65	61	54	53
Eastern Visayas	131	129	127	122	117
Zamboanga Peninsula	142	135	132	122	112
Northern Mindanao	549	551	562	555	396
Davao Region	3,476	3,470	3,510	3,506	3,617
SOCCSKSARGEN	86	83	79	73	73
Caraga	288	213	157	124	59
ARMM	121	118	110	101	91
Area (ha)					
PHILIPPINES	**9,985**	**9,751**	**9,538**	**9,462**	**9,584**
CAR	26	26	26	27	29
Ilocos Region	74	74	73	73	70
Cagayan Valley	181	216	222	222	220
Central Luzon	34	33	33	32	36
CALABARZON	350	340	340	330	328
MIMAROPA	75	74	82	90	95
Bicol Region	284	284	284	284	283
Western Visayas	124	123	115	114	113
Central Visayas	156	155	153	149	149
Eastern Visayas	397	395	379	362	339
Zamboanga Peninsula	604	527	446	425	394
Northern Mindanao	975	941	937	927	877
Davao Region	5,011	4,945	4,945	4,958	5,226
SOCCSKSARGEN	143	137	133	130	134
Caraga	875	855	855	840	827
ARMM	675	625	515	500	464
Yield Per Hectare (mt)					
PHILIPPINES	**0.52**	**0.53**	**0.54**	**0.53**	**0.51**
CAR	0.54	0.51	0.54	0.51	0.48
Ilocos Region	0.64	0.67	0.66	0.63	0.64
Cagayan Valley	0.58	0.50	0.52	0.37	0.29
Central Luzon	1.12	1.20	1.24	1.32	1.21
CALABARZON	0.07	0.07	0.06	0.07	0.07
MIMAROPA	0.53	0.59	0.60	0.64	0.64
Bicol Region	0.08	0.10	0.11	0.11	0.11
Western Visayas	0.64	0.63	0.64	0.59	0.52
Central Visayas	0.46	0.42	0.40	0.36	0.35
Eastern Visayas	0.33	0.33	0.34	0.34	0.34
Zamboanga Peninsula	0.23	0.26	0.30	0.29	0.29
Northern Mindanao	0.56	0.59	0.60	0.60	0.45
Davao Region	0.69	0.70	0.71	0.71	0.69
SOCCSKSARGEN	0.60	0.61	0.60	0.56	0.54
Caraga	0.33	0.25	0.18	0.15	0.07
ARMM	0.18	0.19	0.21	0.20	0.20

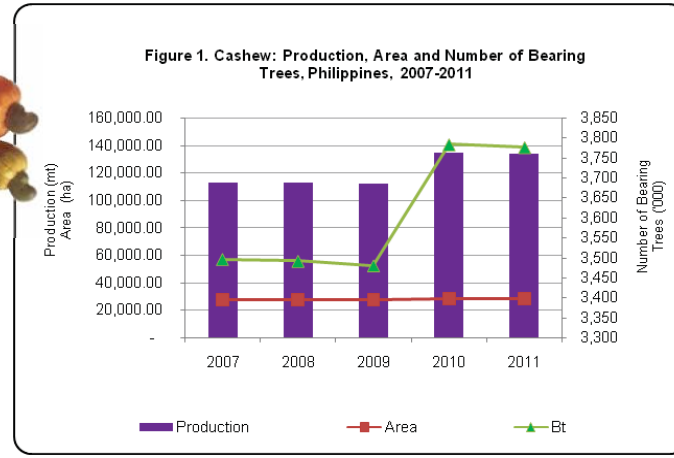
Table 4.2a CACAO: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**4,050,124**	**3,942,957**	**3,926,033**	**3,908,457**	**3,863,221**
CAR	12,569	12,574	12,582	12,860	12,865
Ilocos Region	17,521	17,521	17,613	17,865	17,429
Cagayan Valley	71,661	72,560	73,730	73,730	72,130
Central Luzon	19,500	19,500	19,309	20,470	21,260
CALABARZON	48,496	46,496	46,486	44,486	43,906
MIMAROPA	25,315	26,701	29,204	31,811	31,726
Bicol Region	56,836	56,836	56,840	56,837	56,825
Western Visayas	56,015	55,422	53,375	51,835	51,529
Central Visayas	61,673	61,423	61,173	60,811	59,639
Eastern Visayas	153,147	152,450	151,449	144,281	137,358
Zamboanga Peninsula	98,730	93,464	80,964	77,764	88,700
Northern Mindanao	482,602	482,155	482,752	482,752	426,752
Davao Region	2,538,305	2,460,190	2,460,216	2,460,348	2,479,465
SOCCSKSARGEN	59,508	57,519	53,594	52,901	52,041
Caraga	252,850	237,755	237,255	232,505	226,705
ARMM	95,396	90,391	89,491	87,201	84,891
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**406**	**404**	**412**	**413**	**403**
CAR	483	484	484	476	444
Ilocos Region	235	235	240	244	248
Cagayan Valley	396	336	332	332	328
Central Luzon	574	591	585	640	591
CALABARZON	139	137	137	135	134
MIMAROPA	338	359	356	355	334
Bicol Region	200	200	200	200	201
Western Visayas	451	451	464	455	456
Central Visayas	395	396	400	408	400
Eastern Visayas	386	386	400	399	405
Zamboanga Peninsula	163	177	182	183	225
Northern Mindanao	495	512	515	521	487
Davao Region	507	498	498	496	474
SOCCSKSARGEN	416	420	403	407	388
Caraga	289	278	277	277	274
ARMM	141	145	174	174	183
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.29**	**1.31**	**1.31**	**1.28**	**1.26**
CAR	1.12	1.06	1.12	1.07	1.09
Ilocos Region	2.72	2.87	2.76	2.59	2.57
Cagayan Valley	1.45	1.50	1.57	1.12	0.88
Central Luzon	1.95	2.03	2.12	2.06	2.05
CALABARZON	0.53	0.49	0.47	0.49	0.49
MIMAROPA	1.57	1.65	1.68	1.79	1.92
Bicol Region	0.40	0.51	0.53	0.55	0.55
Western Visayas	1.43	1.39	1.38	1.29	1.15
Central Visayas	1.17	1.05	1.01	0.89	0.88
Eastern Visayas	0.86	0.85	0.84	0.85	0.85
Zamboanga Peninsula	1.48	1.45	1.64	1.56	1.27
Northern Mindanao	1.14	1.14	1.16	1.15	0.93
Davao Region	1.40	1.41	1.43	1.43	1.46
SOCCSKSARGEN	1.45	1.45	1.48	1.39	1.40
Caraga	1.14	0.90	0.66	0.53	0.26
ARMM	1.27	1.31	1.23	1.16	1.08

HIGHLIGHTS

CASHEW

Cashew production went up yearly by an average of 4.34 percent from 112.56 thousand mt in 2007 to 133.89 thousand mt in 2011 (Figure 1). Area planted to cashew, likewise, increased annually by an average of 0.57 percent from 27.57 thousand hectares in 2007 to 28.20 thousand hectares in 2011. The number of bearing trees posted an average yearly increase of 1.94 percent from 2007 to 2011.



MIMAROPA, the top producer of cashew, contributed 93.77 percent to the country's production in 2011 (Figure 2). Central Luzon put in 5.11percent.

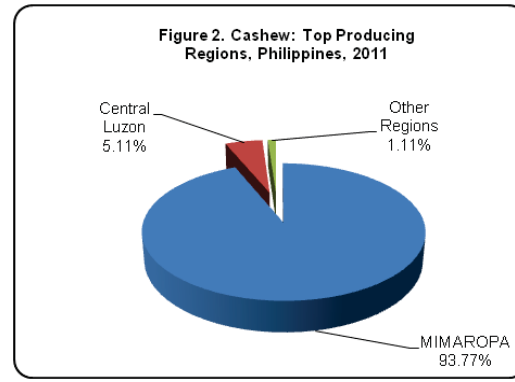


Table 4.3 CASHEW: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**112,558**	**112,334**	**111,993**	**134,681**	**133,388**
CAR		1	1	1	1
Ilocos Region	668	700	730	692	684
Cagayan Valley	79	70	54	49	45
Central Luzon	7,448	7,358	7,147	7,242	6,821
CALABARZON	75	52	49	47	44
MIMAROPA	103,261	103,263	103,272	125,864	125,080
Bicol Region	4	4	4	4	4
Western Visayas	600	563	547	596	563
Central Visayas	119	70	57	58	47
Eastern Visayas					
Zamboanga Peninsula	15	14	12	10	7
Northern Mindanao	132	97	40	44	28
Davao Region	133	116	59	56	49
SOCCSKSARGEN	15	14	12	12	11
Caraga	10	12	8	6	4
ARMM	0.19	0.20	0.25	0.20	0.18
Area (ha)					
PHILIPPINES	**27,574**	**27,517**	**27,428**	**28,114**	**28,204**
CAR		2	2	2	2
Ilocos Region	490	486	486	475	472
Cagayan Valley	36	35	36	30	29
Central Luzon	1,612	1,575	1,572	1,560	1,522
CALABARZON	37	32	32	32	32
MIMAROPA	24,405	24,410	24,425	25,180	25,335
Bicol Region	3	3	3	3	3
Western Visayas	419	428	431	431	434
Central Visayas	22	20	20	20	20
Eastern Visayas					
Zamboanga Peninsula	40	39	40	40	39
Northern Mindanao	137	137	54	54	54
Davao Region	322	302	282	241	220
SOCCSKSARGEN	12	11	11	11	11
Caraga	37	35	33	33	29
ARMM	2	2	2	2	2
Yield Per Hectare (mt)					
PHILIPPINES	**4.08**	**4.08**	**4.08**	**4.79**	**4.73**
CAR		0.65	0.66	0.65	0.67
Ilocos Region	1.36	1.44	1.50	1.46	1.45
Cagayan Valley	2.20	2.00	1.50	1.63	1.56
Central Luzon	4.62	4.67	4.55	4.64	4.48
CALABARZON	2.02	1.64	1.54	1.48	1.36
MIMAROPA	4.23	4.23	4.23	5.00	4.94
Bicol Region	1.25	1.28	1.26	1.32	1.29
Western Visayas	1.43	1.32	1.27	1.38	1.30
Central Visayas	5.42	3.48	2.85	2.91	2.37
Eastern Visayas					
Zamboanga Peninsula	0.39	0.36	0.31	0.26	0.17
Northern Mindanao	0.96	0.71	0.73	0.81	0.52
Davao Region	0.41	0.38	0.21	0.23	0.22
SOCCSKSARGEN	1.22	1.27	1.11	1.05	0.99
Caraga	0.28	0.35	0.25	0.17	0.13
ARMM	0.10	0.10	0.13	0.10	0.09

Table 4.3a CASHEW: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**3,496,379**	**3,491,813**	**3,480,231**	**3,783,210**	**3,775,938**
CAR		275	288	288	295
Ilocos Region	68,965	68,425	68,411	67,945	67,573
Cagayan Valley	4,006	3,921	3,921	3,621	3,348
Central Luzon	203,758	201,949	201,073	206,846	201,716
CALABARZON	4,159	3,230	3,221	3,376	3,340
MIMAROPA	3,105,615	3,106,000	3,106,250	3,406,815	3,407,258
Bicol Region	343	343	343	343	343
Western Visayas	60,152	60,021	59,810	59,948	59,933
Central Visayas	5,600	5,400	5,400	5,450	5,400
Eastern Visayas					
Zamboanga Peninsula	3,590	3,545	3,530	3,520	3,048
Northern Mindanao	14,641	14,628	5,092	5,092	5,092
Davao Region	19,827	18,663	17,594	14,695	14,042
SOCCSKSARGEN	1,260	1,200	1,185	1,210	1,187
Caraga	4,350	4,100	4,000	3,950	3,252
ARMM	113	113	113	111	111
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**127**	**127**	**127**	**135**	**134**
CAR		138	144	144	148
Ilocos Region	141	141	141	143	143
Cagayan Valley	111	112	110	121	115
Central Luzon	126	128	128	133	133
CALABARZON	112	101	101	106	104
MIMAROPA	127	127	127	135	134
Bicol Region	114	114	114	114	114
Western Visayas	144	140	139	139	138
Central Visayas	255	270	270	273	270
Eastern Visayas					
Zamboanga Peninsula	90	91	88	88	78
Northern Mindanao	107	107	94	94	94
Davao Region	62	62	63	61	64
SOCCSKSARGEN	105	109	108	110	108
Caraga	118	117	121	120	112
ARMM	57	57	57	56	56
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**32.19**	**32.17**	**32.18**	**35.60**	**35.33**
CAR		4.73	4.58	4.51	4.51
Ilocos Region	9.68	10.23	10.68	10.19	10.12
Cagayan Valley	19.77	17.88	13.68	13.53	13.50
Central Luzon	36.55	36.43	35.54	35.01	33.82
CALABARZON	17.93	16.20	15.26	14.03	13.03
MIMAROPA	33.25	33.25	33.25	36.94	36.71
Bicol Region	10.93	11.20	10.99	11.52	11.28
Western Visayas	9.97	9.38	9.15	9.95	9.39
Central Visayas	21.30	12.88	10.57	10.68	8.76
Eastern Visayas					
Zamboanga Peninsula	4.30	3.92	3.48	2.94	2.20
Northern Mindanao	9.00	6.62	7.79	8.62	5.54
Davao Region	6.73	6.22	3.35	3.80	3.52
SOCCSKSARGEN	11.64	11.62	10.32	9.50	9.18
Caraga	2.37	2.99	2.03	1.42	1.13
ARMM	1.68	1.77	2.21	1.80	1.62

HIGHLIGHTS

COCONUT

Coconut production in 2011 was 15.24 million mt. From 2007 to 2011, it grew by an average of 0.65 percent annually (Figure 1). Average yield increased to 44.83 kilograms per bearing tree in 2011 from 43.85 kilograms per bearing tree in 2007 (Table 4.4a). These increases were brought about by the high price of copra, fertilization program and disease control interventions of the Philippine Coconut Authority (PCA). However, from 2010, production went down by 1.71 percent in 2011 due to the adverse effects of the dry spell in 2009. The incidence of pests such as scale insects or *aspidiotus destructor* in the municipalities of Calaca and Lemery in Batangas and brontispa longissima in some parts of Curuan District in Zamboanga City also contributed to the decline in production.

From 2007 to 2011, area planted and number of bearing trees continued to increase by respective average annual rates of 1.47 percent and 0.10 percent.

Figure 1. Coconut: Production, Area and Number of Bearing Trees, Philippines, 2007-2011

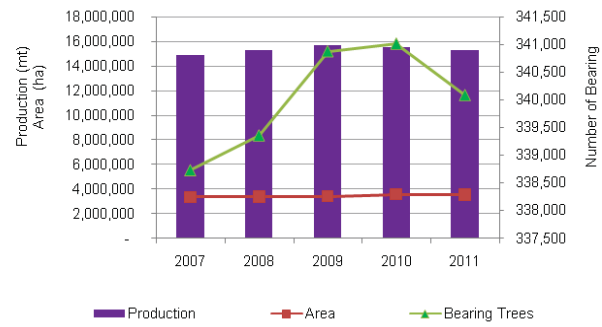
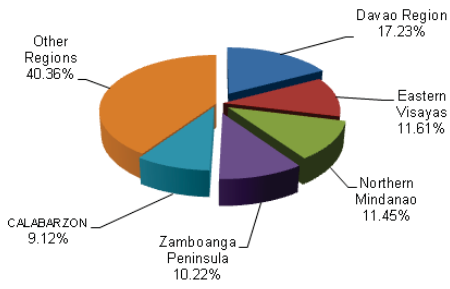


Figure 2. Coconut: Top Producing Regions, Philippines, 2011



The top coconut producer was Davao Region with contribution of 17.23 percent to the national production in 2011. The other major producers were Eastern Visayas, Northern Mindanao and Zamboanga Peninsula. Each of these regions shared about 10 percent in the national production (Figure 2).

Table 4.4 COCONUT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**14,852,927**	**15,319,527**	**15,667,565**	**15,510,283**	**15,244,609**
CAR	861	866	906	914	907
Ilocos Region	34,551	36,144	38,023	37,379	38,476
Cagayan Valley	79,326	77,776	71,896	67,320	59,761
Central Luzon	182,403	189,103	199,730	210,442	212,648
CALABARZON	1,247,032	1,362,852	1,430,128	1,394,638	1,390,854
MIMAROPA	567,161	580,603	668,361	659,219	712,900
Bicol Region	959,358	1,159,810	1,257,221	1,269,538	1,201,707
Western Visayas	483,067	482,736	478,331	472,745	459,784
Central Visayas	396,696	393,855	434,589	429,717	438,267
Eastern Visayas	1,778,045	1,805,072	1,776,916	1,769,082	1,769,952
Zamboanga Peninsula	1,766,479	1,714,907	1,744,738	1,713,018	1,557,621
Northern Mindanao	1,669,281	1,713,354	1,743,338	1,757,165	1,745,950
Davao Region	2,581,103	2,671,203	2,691,905	2,635,867	2,627,248
SOCCSKSARGEN	854,581	870,094	895,086	864,270	879,868
Caraga	1,010,275	1,011,096	985,427	974,213	879,400
ARMM	1,242,708	1,250,054	1,250,971	1,254,755	1,269,268
Area (ha)					
PHILIPPINES	**3,359,777**	**3,379,741**	**3,401,500**	**3,575,944**	**3,561,981**
CAR	280	281	281	281	285
Ilocos Region	11,406	11,458	11,540	11,740	11,911
Cagayan Valley	13,618	13,650	13,661	13,661	13,781
Central Luzon	24,105	24,086	24,088	24,088	24,088
CALABARZON	343,541	343,578	343,568	438,673	438,253
MIMAROPA	160,405	161,858	179,321	181,784	192,687
Bicol Region	442,406	447,743	447,764	452,679	452,681
Western Visayas	122,573	122,785	119,663	119,922	120,774
Central Visayas	128,646	128,646	128,707	128,677	128,533
Eastern Visayas	372,497	378,968	383,546	434,539	417,786
Zamboanga Peninsula	363,624	368,365	369,013	372,971	375,080
Northern Mindanao	298,985	299,905	300,575	301,257	301,697
Davao Region	376,398	375,932	375,922	375,885	375,630
SOCCSKSARGEN	167,985	168,969	169,254	185,021	175,764
Caraga	218,932	219,102	219,107	219,121	218,613
ARMM	314,376	314,415	315,490	315,645	314,418
Yield Per Hectare (mt)					
PHILIPPINES	**4.42**	**4.53**	**4.61**	**4.34**	**4.28**
CAR	3.08	3.08	3.22	3.25	3.18
Ilocos Region	3.03	3.15	3.29	3.18	3.23
Cagayan Valley	5.83	5.70	5.26	4.93	4.34
Central Luzon	7.57	7.85	8.29	8.74	8.83
CALABARZON	3.63	3.97	4.16	3.18	3.17
MIMAROPA	3.54	3.59	3.73	3.63	3.70
Bicol Region	2.17	2.59	2.81	2.80	2.65
Western Visayas	3.94	3.93	4.00	3.94	3.81
Central Visayas	3.08	3.06	3.38	3.34	3.41
Eastern Visayas	4.77	4.76	4.63	4.07	4.24
Zamboanga Peninsula	4.86	4.66	4.73	4.59	4.15
Northern Mindanao	5.58	5.71	5.80	5.83	5.79
Davao Region	6.86	7.11	7.16	7.01	6.99
SOCCSKSARGEN	5.09	5.15	5.29	4.67	5.01
Caraga	4.61	4.61	4.50	4.45	4.02
ARMM	3.95	3.98	3.97	3.98	4.04

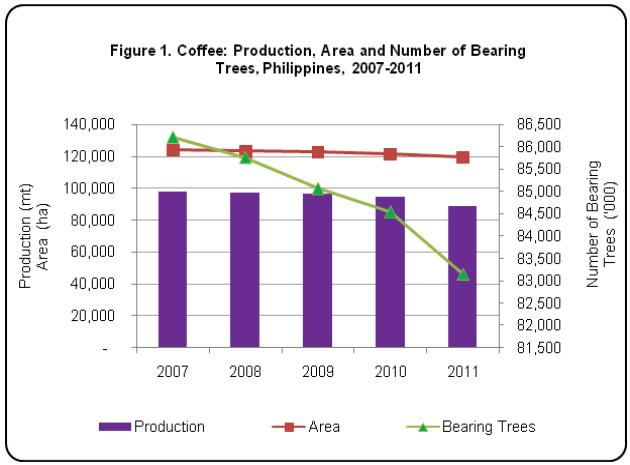
Table 4.4a COCONUT: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**338,724,352**	**339,357,206**	**340,882,817**	**341,020,368**	**340,088,945**
CAR	33,269	33,341	33,481	33,497	33,102
Ilocos Region	891,677	894,856	895,914	896,727	898,683
Cagayan Valley	1,366,567	1,372,809	1,372,767	1,372,790	1,367,300
Central Luzon	2,358,895	2,359,706	3,003,200	3,008,747	3,008,747
CALABARZON	41,714,661	41,750,811	41,750,248	41,746,328	41,699,340
MIMAROPA	17,142,289	17,229,897	17,300,172	17,530,994	17,525,539
Bicol Region	34,452,018	33,994,462	34,094,550	35,015,713	35,015,913
Western Visayas	9,578,206	9,657,270	9,516,597	9,542,000	9,662,190
Central Visayas	12,558,177	12,620,221	12,870,240	12,817,958	12,799,359
Eastern Visayas	48,061,093	48,069,659	48,643,020	46,209,530	46,130,929
Zamboanga Peninsula	30,344,292	30,801,254	30,920,994	31,032,964	31,187,074
Northern Mindanao	31,813,502	32,059,787	31,805,687	31,869,349	31,892,744
Davao Region	39,923,065	39,880,553	39,860,142	39,843,291	39,811,212
SOCCSKSARGEN	14,399,330	14,515,961	14,536,465	15,850,720	15,248,227
Caraga	20,839,900	20,845,650	20,846,275	20,836,195	20,430,878
ARMM	33,247,411	33,270,969	33,433,065	33,413,565	33,377,708
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**101**	**100**	**100**	**95**	**95**
CAR	119	119	119	119	116
Ilocos Region	78	78	78	76	75
Cagayan Valley	100	101	100	100	99
Central Luzon	98	98	125	125	125
CALABARZON	121	122	122	95	95
MIMAROPA	107	106	96	96	91
Bicol Region	78	76	76	77	77
Western Visayas	78	79	80	80	80
Central Visayas	98	98	100	100	100
Eastern Visayas	129	127	127	106	110
Zamboanga Peninsula	83	84	84	83	83
Northern Mindanao	106	107	106	106	106
Davao Region	106	106	106	106	106
SOCCSKSARGEN	86	86	86	86	87
Caraga	95	95	95	95	93
ARMM	106	106	106	106	106
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**43.85**	**45.14**	**45.96**	**45.48**	**44.83**
CAR	25.88	25.97	27.06	27.29	27.41
Ilocos Region	38.75	40.39	42.44	41.68	42.81
Cagayan Valley	58.05	56.65	52.37	49.04	43.71
Central Luzon	77.33	80.14	66.51	69.94	70.68
CALABARZON	29.89	32.64	34.25	33.41	33.35
MIMAROPA	33.09	33.70	38.63	37.60	40.68
Bicol Region	27.85	34.12	36.87	36.26	34.32
Western Visayas	50.43	49.99	50.26	49.54	47.59
Central Visayas	31.59	31.21	33.77	33.52	34.24
Eastern Visayas	37.00	37.55	36.53	38.28	38.37
Zamboanga Peninsula	58.21	55.68	56.43	55.20	49.94
Northern Mindanao	52.47	53.44	54.81	55.14	54.74
Davao Region	64.65	66.98	67.53	66.16	65.99
SOCCSKSARGEN	59.35	59.94	61.58	54.53	57.70
Caraga	48.48	48.50	47.27	46.76	43.04
ARMM	37.38	37.57	37.42	37.55	38.03

HIGHLIGHTS

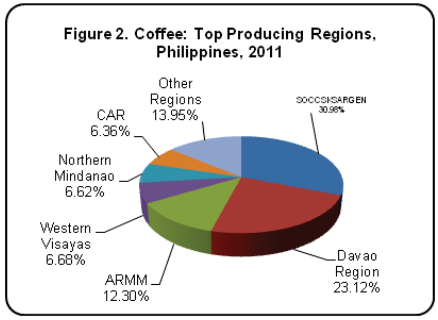
COFFEE

Throughout the period 2007-2011, coffee production is going down by an average rate of 2.48 percent annually (Figure 1). In 2011, coffee production was estimated at 88.53 thousand mt which was 6.36 percent lower than the 2010 production of 94.54 thousand mt. The declining production was attributed to the cutting of trees due to land use conversion in Davao City and Batangas, and crop shifting to banana in Compostela Valley. Frequent rains in Sultan Kudarat and the reluctance of some farmers in Cavite to invest in fertilization, cultivation and weeding due to low price of coffee also contributed to the decline in production. Area planted and number of bearing trees contracted annually by 0.88 percent and 0.90 percent, respectively (Figure 1).



SOCCSKSARGEN was the top coffee producer in 2011 with 30.98 percent contribution to the country's coffee production. The second top producer was Davao Region with 23.12 percent share in the national production (Figure 2).

Of the coffee varieties, Robusta had the highest share of 71.14 percent in the total production of all varieties (Figure 3).



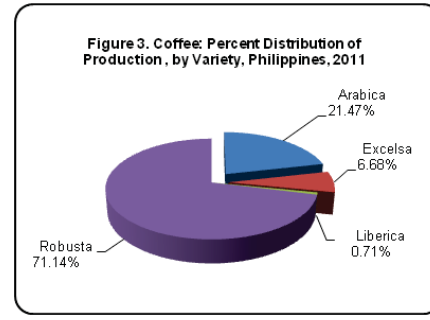


Table 4.5 COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**97,877**	**97,428**	**96,433**	**94,536**	**88,526**
CAR	6,252	5,950	5,700	5,608	5,627
Ilocos Region	88	98	105	107	94
Cagayan Valley	1,062	1,080	1,099	1,040	1,012
Central Luzon	1,591	1,673	1,706	1,768	1,699
CALABARZON	8,819	9,132	9,084	8,764	5,550
MIMAROPA	206	207	202	204	200
Bicol Region	340	339	335	336	327
Western Visayas	5,835	5,734	5,902	5,625	5,916
Central Visayas	314	295	251	213	234
Eastern Visayas	197	247	227	212	201
Zamboanga Peninsula	1,337	1,314	1,263	1,202	1,023
Northern Mindanao	6,287	6,203	6,016	5,957	5,858
Davao Region	24,466	24,066	23,632	22,682	20,465
SOCCSKSARGEN	27,123	27,022	27,554	27,761	27,423
Caraga	3,115	3,147	2,619	2,252	2,008
ARMM	10,844	10,922	10,737	10,803	10,890
Area (ha)					
PHILIPPINES	**123,975**	**123,269**	**122,645**	**121,399**	**119,657**
CAR	7,581	7,270	6,980	6,866	6,720
Ilocos Region	107	120	120	118	119
Cagayan Valley	2,863	2,863	2,873	2,872	2,578
Central Luzon	1,867	1,897	1,887	1,887	1,892
CALABARZON	14,780	14,650	14,306	14,352	13,599
MIMAROPA	942	935	911	883	855
Bicol Region	867	867	838	838	815
Western Visayas	10,087	10,133	10,106	9,956	9,961
Central Visayas	1,412	1,255	1,396	1,546	1,784
Eastern Visayas	411	411	379	351	346
Zamboanga Peninsula	1,444	1,406	1,332	1,304	1,080
Northern Mindanao	13,218	13,137	13,083	11,629	11,633
Davao Region	26,677	26,633	26,624	25,847	25,371
SOCCSKSARGEN	23,930	23,919	24,038	25,171	25,117
Caraga	4,061	4,047	4,039	4,045	4,039
ARMM	13,728	13,725	13,734	13,735	13,749
Yield Per Hectare (mt)					
PHILIPPINES	**0.79**	**0.79**	**0.79**	**0.78**	**0.74**
CAR	0.82	0.82	0.82	0.82	0.84
Ilocos Region	0.82	0.81	0.88	0.90	0.80
Cagayan Valley	0.37	0.38	0.38	0.36	0.39
Central Luzon	0.85	0.88	0.90	0.94	0.90
CALABARZON	0.60	0.62	0.64	0.61	0.41
MIMAROPA	0.22	0.22	0.22	0.23	0.23
Bicol Region	0.39	0.39	0.40	0.40	0.40
Western Visayas	0.58	0.57	0.58	0.56	0.59
Central Visayas	0.22	0.24	0.18	0.14	0.13
Eastern Visayas	0.48	0.60	0.60	0.60	0.58
Zamboanga Peninsula	0.93	0.93	0.95	0.92	0.95
Northern Mindanao	0.48	0.47	0.46	0.51	0.50
Davao Region	0.92	0.90	0.89	0.88	0.81
SOCCSKSARGEN	1.13	1.13	1.15	1.10	1.09
Caraga	0.77	0.78	0.65	0.56	0.50
ARMM	0.79	0.80	0.78	0.79	0.79

Table 4.5a COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY, AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**86,214,597**	**85,757,726**	**85,064,363**	**84,544,625**	**83,146,310**
CAR	4,779,615	4,620,760	4,510,660	4,499,950	4,467,016
Ilocos Region	62,424	68,105	70,194	70,015	69,657
Cagayan Valley	1,847,203	1,846,870	1,849,283	1,846,320	1,658,550
Central Luzon	1,311,074	1,271,276	1,264,658	1,280,022	1,261,661
CALABARZON	10,702,962	10,593,632	10,480,626	10,735,362	10,497,412
MIMAROPA	351,129	352,084	348,872	339,355	323,802
Bicol Region	610,465	610,565	594,507	594,707	581,731
Western Visayas	6,061,738	6,058,031	6,045,456	5,960,966	5,955,631
Central Visayas	1,057,192	1,047,892	1,049,884	1,048,056	1,046,685
Eastern Visayas	210,569	212,289	204,359	188,102	183,757
Zamboanga Peninsula	826,846	810,694	797,819	811,279	649,836
Northern Mindanao	6,844,312	6,833,177	6,810,199	5,973,193	5,972,629
Davao Region	21,882,670	21,856,136	21,843,516	21,836,331	21,148,996
SOCCSKSARGEN	18,331,987	18,278,494	17,898,061	18,071,950	18,057,010
Caraga	2,586,500	2,583,055	2,575,250	2,566,125	2,556,050
ARMM	8,747,911	8,714,666	8,721,019	8,722,892	8,715,887
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**695**	**696**	**694**	**696**	**695**
CAR	630	636	646	655	665
Ilocos Region	586	565	587	594	587
Cagayan Valley	645	645	644	643	643
Central Luzon	702	670	670	678	667
CALABARZON	724	723	733	748	772
MIMAROPA	373	377	383	384	379
Bicol Region	704	704	709	710	714
Western Visayas	601	598	598	599	598
Central Visayas	749	835	752	678	587
Eastern Visayas	512	517	540	536	531
Zamboanga Peninsula	573	576	599	622	602
Northern Mindanao	518	520	521	514	513
Davao Region	820	821	820	845	834
SOCCSKSARGEN	766	764	745	718	719
Caraga	637	638	638	634	633
ARMM	637	635	635	635	634
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.14**	**1.14**	**1.13**	**1.12**	**1.06**
CAR	1.31	1.29	1.26	1.25	1.26
Ilocos Region	1.40	1.43	1.50	1.52	1.35
Cagayan Valley	0.58	0.58	0.59	0.56	0.61
Central Luzon	1.21	1.32	1.35	1.38	1.35
CALABARZON	0.82	0.86	0.87	0.82	0.53
MIMAROPA	0.59	0.59	0.58	0.60	0.62
Bicol Region	0.56	0.56	0.56	0.57	0.56
Western Visayas	0.96	0.95	0.98	0.94	0.99
Central Visayas	0.30	0.28	0.24	0.20	0.22
Eastern Visayas	0.94	1.16	1.11	1.13	1.10
Zamboanga Peninsula	1.62	1.62	1.58	1.48	1.57
Northern Mindanao	0.92	0.91	0.88	1.00	0.98
Davao Region	1.12	1.10	1.08	1.04	0.97
SOCCSKSARGEN	1.48	1.48	1.54	1.54	1.52
Caraga	1.20	1.22	1.02	0.88	0.79
ARMM	1.24	1.25	1.23	1.24	1.25

Table 4.5.1 ARABICA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**19,739**	**19,677**	**19,655**	**19,421**	**19,002**
CAR	533	535	548	550	550
Ilocos Region	30	33	37	38	30
Cagayan Valley	217	216	222	210	201
Central Luzon	6	6	6	6	5
CALABARZON	88	91	85	76	69
MIMAROPA	7	7	6	6	5
Bicol Region	74	75	76	75	73
Western Visayas	935	913	947	885	928
Central Visayas	39	37	36	23	25
Eastern Visayas	73	71	68	65	62
Zamboanga Peninsula	623	594	546	507	429
Northern Mindanao	399	395	393	386	381
Davao Region	3,216	3,152	3,138	3,004	2,799
SOCCSKSARGEN	11,778	11,804	11,831	11,841	11,713
Caraga	3	3	2	2	
ARMM	1,719	1,745	1,715	1,746	1,731
Area (ha)					
PHILIPPINES	**20,008**	**19,977**	**19,862**	**19,622**	**19,369**
CAR	575	578	574	585	594
Ilocos Region	25	24	24	23	23
Cagayan Valley	570	570	573	573	526
Central Luzon	263	263	263	263	263
CALABARZON	158	143	138	131	117
MIMAROPA	72	70	61	44	36
Bicol Region	272	272	266	266	264
Western Visayas	1,813	1,827	1,821	1,792	1,792
Central Visayas	511	511	505	491	489
Eastern Visayas	130	128	121	113	111
Zamboanga Peninsula	571	557	530	522	390
Northern Mindanao	607	607	605	604	607
Davao Region	4,014	4,007	4,004	3,854	3,814
SOCCSKSARGEN	8,628	8,610	8,562	8,547	8,536
Caraga	3	3	3	2	2
ARMM	1,797	1,807	1,812	1,812	1,805
Yield Per Hectare (mt)					
PHILIPPINES	**0.99**	**0.98**	**0.99**	**0.99**	**0.98**
CAR	0.93	0.93	0.95	0.94	0.93
Ilocos Region	1.21	1.38	1.57	1.64	1.30
Cagayan Valley	0.38	0.38	0.39	0.37	0.38
Central Luzon	0.02	0.02	0.02	0.02	0.02
CALABARZON	0.55	0.63	0.61	0.58	0.59
MIMAROPA	0.10	0.10	0.10	0.13	0.15
Bicol Region	0.27	0.28	0.28	0.28	0.28
Western Visayas	0.52	0.50	0.52	0.49	0.52
Central Visayas	0.08	0.07	0.07	0.05	0.05
Eastern Visayas	0.56	0.56	0.57	0.57	0.56
Zamboanga Peninsula	1.09	1.07	1.03	0.97	1.10
Northern Mindanao	0.66	0.65	0.65	0.64	0.63
Davao Region	0.80	0.79	0.78	0.78	0.73
SOCCSKSARGEN	1.37	1.37	1.38	1.39	1.37
Caraga	1.07	1.10	0.70	0.75	
ARMM	0.96	0.97	0.95	0.96	0.96

Table 4.5.1a ARABICA COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**13,982,479**	**13,957,631**	**13,908,200**	**13,999,774**	**13,728,806**
CAR	406,531	406,967	403,577	424,261	427,906
Ilocos Region	18,623	18,354	18,708	19,044	19,099
Cagayan Valley	368,655	368,555	369,155	368,555	338,791
Central Luzon	159,925	159,930	159,996	160,049	159,966
CALABARZON	91,093	81,500	79,021	76,173	71,805
MIMAROPA	26,942	26,130	22,497	18,645	15,370
Bicol Region	201,571	201,611	198,080	198,180	197,142
Western Visayas	858,891	858,451	856,396	841,615	841,528
Central Visayas	388,570	388,570	383,945	381,644	380,493
Eastern Visayas	58,818	58,090	56,329	53,086	51,265
Zamboanga Peninsula	352,401	343,531	340,441	345,401	239,973
Northern Mindanao	303,972	303,217	302,799	302,496	303,957
Davao Region	3,099,268	3,094,661	3,091,950	3,091,192	2,966,600
SOCCSKSARGEN	6,164,568	6,155,168	6,128,558	6,222,257	6,231,125
Caraga	2,200	2,225	2,200	1,800	1,500
ARMM	1,480,451	1,490,671	1,494,548	1,495,376	1,482,286
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**699**	**699**	**700**	**713**	**709**
CAR	707	704	703	725	720
Ilocos Region	760	763	793	821	820
Cagayan Valley	647	647	644	643	644
Central Luzon	608	608	608	609	608
CALABARZON	577	570	573	581	614
MIMAROPA	375	374	370	425	429
Bicol Region	741	741	745	745	747
Western Visayas	474	470	470	470	470
Central Visayas	760	760	760	777	778
Eastern Visayas	452	455	466	469	463
Zamboanga Peninsula	617	616	642	661	615
Northern Mindanao	501	500	500	501	501
Davao Region	772	772	772	802	778
SOCCSKSARGEN	714	715	716	728	730
Caraga	733	742	733	900	750
ARMM	824	825	825	825	821
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.41**	**1.41**	**1.41**	**1.39**	**1.38**
CAR	1.31	1.32	1.36	1.30	1.28
Ilocos Region	1.60	1.81	1.98	1.99	1.59
Cagayan Valley	0.59	0.59	0.60	0.57	0.59
Central Luzon	0.03	0.03	0.04	0.04	0.03
CALABARZON	0.96	1.11	1.07	1.00	0.97
MIMAROPA	0.28	0.26	0.28	0.31	0.36
Bicol Region	0.37	0.37	0.38	0.38	0.37
Western Visayas	1.09	1.06	1.11	1.05	1.10
Central Visayas	0.10	0.09	0.09	0.06	0.07
Eastern Visayas	1.24	1.23	1.22	1.22	1.20
Zamboanga Peninsula	1.77	1.73	1.60	1.47	1.79
Northern Mindanao	1.31	1.30	1.30	1.28	1.25
Davao Region	1.04	1.02	1.01	0.97	0.94
SOCCSKSARGEN	1.91	1.92	1.93	1.90	1.88
Caraga	1.45	1.48	0.95	0.83	
ARMM	1.16	1.17	1.15	1.17	1.17

Table 4.5.2 EXCELSA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**7,129**	**6,763**	**6,572**	**6,354**	**5,916**
CAR	92	90	87	85	86
Ilocos Region	15	17	19	19	17
Cagayan Valley	162	164	167	155	153
Central Luzon	41	42	39	41	41
CALABARZON	968	939	926	891	725
MIMAROPA	44	44	43	44	42
Bicol Region	1	1	1	1	1
Western Visayas	2	2	2	2	2
Central Visayas	0.01	0.01	0.01	0.01	
Eastern Visayas	52	49	47	43	42
Zamboanga Peninsula	174	162	152	143	125
Northern Mindanao	389	372	354	354	349
Davao Region	2,604	2,525	2,519	2,433	2,236
SOCCSKSARGEN	744	529	630	594	575
Caraga	363	310	116	61	30
ARMM	1,475	1,516	1,469	1,489	1,492
Area (ha)					
PHILIPPINES	**10,387**	**10,176**	**9,687**	**9,576**	**9,135**
CAR	196	191	190	190	223
Ilocos Region	18	18	18	18	19
Cagayan Valley	371	371	372	372	271
Central Luzon	63	63	53	53	53
CALABARZON	2,994	2,924	2,693	2,713	2,426
MIMAROPA	160	159	153	148	136
Bicol Region	2	2	1	1	1
Western Visayas	8	10	10	11	11
Central Visayas	1	1	1	1	1
Eastern Visayas	123	121	113	101	100
Zamboanga Peninsula	217	208	187	175	160
Northern Mindanao	879	817	767	767	767
Davao Region	2,431	2,426	2,424	2,343	2,316
SOCCSKSARGEN	1,172	1,124	969	953	913
Caraga	206	192	184	178	176
ARMM	1,545	1,549	1,552	1,552	1,561
Yield Per Hectare (mt)					
PHILIPPINES	**0.69**	**0.66**	**0.68**	**0.66**	**0.65**
CAR	0.47	0.47	0.46	0.45	0.39
Ilocos Region	0.86	0.94	1.04	1.04	0.92
Cagayan Valley	0.44	0.44	0.45	0.42	0.56
Central Luzon	0.66	0.67	0.74	0.77	0.77
CALABARZON	0.32	0.32	0.34	0.33	0.30
MIMAROPA	0.28	0.28	0.28	0.30	0.31
Bicol Region	0.65	0.66	1.28	1.29	1.25
Western Visayas	0.27	0.20	0.20	0.14	0.14
Central Visayas	0.01	0.01	0.01	0.01	
Eastern Visayas	0.42	0.41	0.42	0.42	0.42
Zamboanga Peninsula	0.80	0.78	0.81	0.82	0.78
Northern Mindanao	0.44	0.46	0.46	0.46	0.45
Davao Region	1.07	1.04	1.04	1.04	0.97
SOCCSKSARGEN	0.64	0.47	0.65	0.62	0.63
Caraga	1.76	1.62	0.63	0.34	0.17
ARMM	0.95	0.98	0.95	0.96	0.96

Table 4.5.2a EXCELSA COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**6,324,887**	**6,239,477**	**5,959,635**	**5,897,929**	**5,631,268**
CAR	90,570	89,151	87,813	87,580	98,346
Ilocos Region	11,205	11,205	12,078	12,202	12,337
Cagayan Valley	237,965	237,915	238,428	237,915	174,311
Central Luzon	48,433	51,530	40,058	38,186	38,118
CALABARZON	1,089,127	1,048,000	967,788	943,899	862,892
MIMAROPA	70,866	70,630	65,145	62,618	55,185
Bicol Region	888	888	444	444	444
Western Visayas	3,348	3,413	3,160	3,039	3,018
Central Visayas	435	435	430	424	342
Eastern Visayas	51,797	51,221	49,883	45,081	43,222
Zamboanga Peninsula	95,149	89,917	83,354	81,514	73,510
Northern Mindanao	446,774	445,440	411,610	411,610	411,610
Davao Region	1,854,158	1,851,458	1,849,219	1,846,790	1,762,018
SOCCSKSARGEN	964,318	923,700	791,560	773,872	748,040
Caraga	191,200	187,650	180,000	173,545	166,500
ARMM	1,168,654	1,176,924	1,178,665	1,179,210	1,181,375
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**609**	**613**	**615**	**616**	**616**
CAR	462	467	462	461	441
Ilocos Region	623	623	671	678	660
Cagayan Valley	641	641	641	640	642
Central Luzon	769	818	756	720	719
CALABARZON	364	358	359	348	356
MIMAROPA	442	444	426	425	406
Bicol Region	444	444	444	444	444
Western Visayas	399	328	304	267	272
Central Visayas	435	435	430	424	342
Eastern Visayas	421	423	441	446	432
Zamboanga Peninsula	438	432	446	466	459
Northern Mindanao	508	545	537	537	537
Davao Region	763	763	763	788	761
SOCCSKSARGEN	823	822	817	812	819
Caraga	928	977	978	975	946
ARMM	756	760	759	760	757
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.13**	**1.08**	**1.10**	**1.08**	**1.05**
CAR	1.02	1.01	0.99	0.97	0.88
Ilocos Region	1.38	1.51	1.56	1.53	1.39
Cagayan Valley	0.68	0.69	0.70	0.65	0.88
Central Luzon	0.85	0.82	0.98	1.08	1.06
CALABARZON	0.89	0.90	0.96	0.94	0.84
MIMAROPA	0.62	0.63	0.65	0.71	0.75
Bicol Region	1.45	1.48	2.88	2.91	2.82
Western Visayas	0.67	0.62	0.64	0.53	0.51
Central Visayas	0.02	0.02	0.02	0.01	
Eastern Visayas	1.00	0.97	0.95	0.95	0.97
Zamboanga Peninsula	1.83	1.80	1.82	1.76	1.70
Northern Mindanao	0.87	0.84	0.86	0.86	0.85
Davao Region	1.40	1.36	1.36	1.32	1.27
SOCCSKSARGEN	0.77	0.57	0.80	0.77	0.77
Caraga	1.90	1.65	0.65	0.35	0.18
ARMM	1.26	1.29	1.25	1.26	1.26

Table 4.5.3 LIBERICA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007		2008		2009		2010		2011
Production (mt)									
PHILIPPINES	**677**	**R/**	**666**	**R/**	**652**	**R/**	**633**	**R/**	**630**
CAR	18		18		17		18		17
Ilocos Region									
Cagayan Valley	11		11		11		10		8
Central Luzon	3		3		3		3		3
CALABARZON	152		146		136		129		112
MIMAROPA	46		42		38		33		30
Bicol Region	5		5		4		5		4
Western Visayas	172		168		173		156		166
Central Visayas	13		11		11		9		9
Eastern Visayas	15		14		14		13		13
Zamboanga Peninsula	11	R/	9	R/	7	R/	6	R/	5
Northern Mindanao									
Davao Region	85		86		86		83		84
SOCCSKSARGEN	5		3		2		2		2
Caraga	3		3		2		1		
ARMM	141		147		147		165		176
Area (ha)									
PHILIPPINES	**1,510**		**1,492**		**1,444**		**1,410**		**1,378**
CAR	16		16		16		16		16
Ilocos Region									
Cagayan Valley	36		36		39		38		30
Central Luzon	2		2		2		2		2
CALABARZON	247		236		208		205		201
MIMAROPA	145		142		133		125		115
Bicol Region	10		10		8		8		8
Western Visayas	295		295		291		271		271
Central Visayas	45		40		38		38		30
Eastern Visayas	20		19		17		16		15
Zamboanga Peninsula	31		24		21		19		17
Northern Mindanao									
Davao Region	72		72		72		72		70
SOCCSKSARGEN	3		3		2		2		2
Caraga	2		2		2		2		1
ARMM	586		595		595		595		600
Yield Per Hectare (mt)									
PHILIPPINES	**0.45**		**0.45**		**0.45**	**R/**	**0.45**		**0.46**
CAR	1.12		1.11		1.09		1.10		1.08
Ilocos Region									
Cagayan Valley	0.29		0.30		0.29		0.26		0.28
Central Luzon	1.60		1.62		1.68		1.73		1.65
CALABARZON	0.61		0.62		0.66		0.63		0.55
MIMAROPA	0.31		0.30		0.28		0.27		0.26
Bicol Region	0.45		0.46		0.56		0.58		0.54
Western Visayas	0.58		0.57		0.59		0.58		0.61
Central Visayas	0.29		0.28		0.28		0.23		0.30
Eastern Visayas	0.73		0.75		0.81		0.83		0.86
Zamboanga Peninsula	0.37	R/	0.39	R/	0.32	R/	0.30		0.27
Northern Mindanao									
Davao Region	1.18		1.20		1.20		1.16		1.19
SOCCSKSARGEN	1.51		0.92		1.13		0.98		1.15
Caraga	1.50		1.58		0.84		0.50		
ARMM	0.24		0.25		0.25		0.28		0.29

R/ - Revised

Table 4.5.3a LIBERICA COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**992,237**	**980,529**	**951,038**	**933,034**	**911,290**
CAR	14,659	14,590	13,468	12,938	12,950
Ilocos Region					
Cagayan Valley	24,215	24,165	24,765	23,615	18,611
Central Luzon	1,616	1,616	1,647	1,693	1,658
CALABARZON	109,212	101,302	82,621	81,550	75,535
MIMAROPA	60,570	59,187	56,575	53,252	48,565
Bicol Region	4,970	4,970	3,976	3,976	3,976
Western Visayas	163,609	163,579	161,913	150,806	150,806
Central Visayas	24,800	21,500	19,000	18,980	15,000
Eastern Visayas	6,250	5,925	5,897	5,580	5,231
Zamboanga Peninsula	7,961	7,011	5,390	4,930	5,040
Northern Mindanao					
Davao Region	70,755	70,750	70,750	70,750	68,518
SOCCSKSARGEN	2,350	2,300	1,532	1,530	1,350
Caraga	1,450	1,480	1,350	1,280	600
ARMM	499,820	502,154	502,154	502,154	503,450
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**657**	**657**	**659**	**662**	**661**
CAR	916	912	842	809	809
Ilocos Region					
Cagayan Valley	673	671	635	621	619
Central Luzon	808	808	824	847	829
CALABARZON	442	429	397	398	376
MIMAROPA	418	418	425	425	422
Bicol Region	497	497	497	497	497
Western Visayas	555	555	556	556	556
Central Visayas	551	538	500	499	500
Eastern Visayas	313	312	347	349	349
Zamboanga Peninsula	261	292	254	257	293
Northern Mindanao					
Davao Region	983	983	983	983	979
SOCCSKSARGEN	783	767	766	765	675
Caraga	725	740	675	640	600
ARMM	853	844	844	844	839
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**0.68** R/	**0.68** R/	**0.69**	**0.68**	**0.69**
CAR	1.22	1.21	1.30	1.36	1.33
Ilocos Region					
Cagayan Valley	0.43	0.45	0.46	0.42	0.46
Central Luzon	1.98	2.00	2.03	2.04	1.99
CALABARZON	1.39	1.44	1.65	1.59	1.48
MIMAROPA	0.75	0.71	0.67	0.63	0.63
Bicol Region	0.91	0.92	1.13	1.16	1.09
Western Visayas	1.05	1.03	1.07	1.04	1.10
Central Visayas	0.53	0.52	0.56	0.47	0.61
Eastern Visayas	2.32	2.41	2.33	2.37	2.45
Zamboanga Peninsula	1.43 R/	1.33 R/	1.26	1.18	0.92
Northern Mindanao					
Davao Region	1.20	1.22	1.22	1.18	1.22
SOCCSKSARGEN	1.93	1.20	1.48	1.28	1.70
Caraga	2.07	2.13	1.24	0.78	
ARMM	0.28	0.29	0.29	0.33	0.35

R/ - Revised

Table 4.5.4 ROBUSTA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**70,128 R/**	**70,118 R/**	**69,357 R/**	**67,933 R/**	**62,978**
CAR	5,416	5,114	4,862	4,772	4,974
Ilocos Region	42	47	49	50	47
Cagayan Valley	673	689	699	665	650
Central Luzon	1,541	1,622	1,658	1,718	1,649
CALABARZON	7,611	7,957	7,937	7,668	4,643
MIMAROPA	105	110	111	116	122
Bicol Region	259	258	253	255	249
Western Visayas	4,725	4,650	4,780	4,583	4,820
Central Visayas	261	247	204	181	200
Eastern Visayas	52	107	93	87	85
Zamboanga Peninsula	529 R/	548 R/	559 R/	546 R/	464
Northern Mindanao	5,500	5,435	5,267	5,214	5,128
Davao Region	18,561	18,303	17,888	17,162	15,347
SOCCSKSARGEN	14,596	14,686	15,091	15,325	15,134
Caraga	2,747	2,830	2,499	2,188	1,977
ARMM	7,509	7,514	7,407	7,403	7,491
Area (ha)					
PHILIPPINES	**91,592**	**91,148**	**91,181**	**90,320**	**89,774**
CAR	6,362	6,055	5,770	5,645	5,887
Ilocos Region	64	78	78	77	77
Cagayan Valley	1,886	1,886	1,889	1,889	1,750
Central Luzon	1,539	1,569	1,569	1,569	1,574
CALABARZON	11,381	11,347	11,267	11,303	10,855
MIMAROPA	563	563	562	564	568
Bicol Region	583	583	563	563	542
Western Visayas	7,971	8,001	7,984	7,882	7,887
Central Visayas	855	703	852	1,016	1,264
Eastern Visayas	97	102	92	85	120
Zamboanga Peninsula	625	617	593	587	513
Northern Mindanao	11,729	11,710	11,708	10,255	10,259
Davao Region	20,160	20,128	20,124	19,578	19,171
SOCCSKSARGEN	14,127	14,182	14,505	15,669	15,666
Caraga	3,850	3,850	3,850	3,863	3,860
ARMM	9,800	9,774	9,775	9,776	9,782
Yield Per Hectare (mt)					
PHILIPPINES	**0.77**	**0.77**	**0.76**	**0.75**	**0.70**
CAR	0.85	0.84	0.84	0.85	0.84
Ilocos Region	0.66	0.60	0.63	0.65	0.61
Cagayan Valley	0.36	0.37	0.37	0.35	0.37
Central Luzon	1.00	1.03	1.06	1.09	1.05
CALABARZON	0.67	0.70	0.70	0.68	0.43
MIMAROPA	0.19	0.19	0.20	0.21	0.22
Bicol Region	0.44	0.44	0.45	0.45	0.46
Western Visayas	0.59	0.58	0.60	0.58	0.61
Central Visayas	0.31	0.35	0.24	0.18	0.16
Eastern Visayas	0.54	1.05	1.01	1.02	0.71
Zamboanga Peninsula	0.85 R/	0.89 R/	0.94 R/	0.93	0.90
Northern Mindanao	0.47	0.46	0.45	0.51	0.50
Davao Region	0.92	0.91	0.89	0.88	0.80
SOCCSKSARGEN	1.03	1.04	1.04	0.98	0.97
Caraga	0.71	0.74	0.65	0.57	0.51
ARMM	0.77	0.77	0.76	0.76	0.77

R/ - Revised

Table 4.5.4a ROBUSTA COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2007-2011

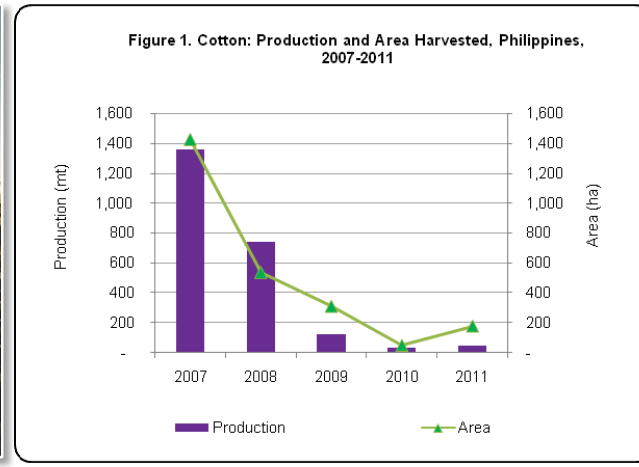
Region	2007	2008	2009	2010	2011
BEARING TREES (no.)					
PHILIPPINES	**64,685,812**	**64,350,923**	**64,018,201**	**63,488,968**	**62,874,945**
CAR	4,077,505	3,919,702	3,815,602	3,785,021	3,927,814
Ilocos Region	32,596	38,546	39,408	38,769	38,220
Cagayan Valley	1,216,368	1,216,235	1,216,935	1,216,235	1,126,837
Central Luzon	1,101,100	1,058,200	1,062,957	1,080,094	1,061,919
CALABARZON	9,413,530	9,362,830	9,351,196	9,633,740	9,487,180
MIMAROPA	191,085	194,487	203,005	203,190	204,682
Bicol Region	403,036	403,096	392,007	392,107	380,169
Western Visayas	5,035,890	5,032,588	5,023,987	4,965,506	4,960,279
Central Visayas	643,387	637,387	646,509	647,008	650,850
Eastern Visayas	58,218	61,567	58,491	52,915	84,039
Zamboanga Peninsula	371,335	370,235	368,634	379,434	331,313
Northern Mindanao	6,091,886	6,082,840	6,094,110	5,257,407	5,257,062
Davao Region	16,858,489	16,839,267	16,831,597	16,827,599	16,351,860
SOCCSKSARGEN	11,200,751	11,197,326	10,976,411	11,074,291	11,076,495
Caraga	2,391,650	2,391,700	2,391,700	2,389,500	2,387,450
ARMM	5,598,986	5,544,917	5,545,652	5,546,152	5,548,776
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**706**	**706**	**702**	**703**	**700**
CAR	641	647	661	671	667
Ilocos Region	509	492	506	505	499
Cagayan Valley	645	645	644	644	644
Central Luzon	715	674	677	688	675
CALABARZON	827	825	830	852	874
MIMAROPA	339	346	361	360	360
Bicol Region	691	691	696	696	701
Western Visayas	632	629	629	630	629
Central Visayas	752	907	759	637	515
Eastern Visayas	600	604	636	622	700
Zamboanga Peninsula	594	600	622	646	646
Northern Mindanao	519	519	521	513	512
Davao Region	836	837	836	860	853
SOCCSKSARGEN	793	790	757	707	707
Caraga	621	621	621	619	619
ARMM	571	567	567	567	567
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.08**	**1.09**	**1.08**	**1.07**	**1.00**
CAR	1.33	1.30	1.27	1.26	1.27
Ilocos Region	1.30	1.23	1.25	1.29	1.23
Cagayan Valley	0.55	0.57	0.57	0.55	0.58
Central Luzon	1.40	1.53	1.56	1.59	1.55
CALABARZON	0.81	0.85	0.85	0.80	0.49
MIMAROPA	0.55	0.56	0.54	0.57	0.60
Bicol Region	0.64	0.64	0.65	0.65	0.65
Western Visayas	0.94	0.92	0.95	0.92	0.97
Central Visayas	0.41	0.39	0.32	0.28	0.31
Eastern Visayas	0.90	1.73	1.59	1.65	1.01
Zamboanga Peninsula	1.43 R/	1.48 R/	1.52	1.44	1.40
Northern Mindanao	0.90	0.89	0.86	0.99	0.98
Davao Region	1.10	1.09	1.06	1.02	0.94
SOCCSKSARGEN	1.30	1.31	1.37	1.38	1.37
Caraga	1.15	1.18	1.04	0.92	0.83
ARMM	1.34	1.36	1.34	1.33	1.35

R/ - Revised

HIGHLIGHTS

COTTON

Cotton production in 2011 at 0.05 thousand mt was 96.29 percent lower than the 1.36 thousand mt in 2007. However, it was 48.09 percent higher than the 0.03 thousand mt of output in 2010 (Figure 1). The increase in output was attributed to the larger area harvested in Ilocos Norte and Negros Oriental.



The top producing regions and their shares in the national output in 2011 were Central Visayas, 82.18 percent; Ilocos Region, 8.99 percent and Western Visayas, 8.83 percent (Figure 2).

Over the period 2007 to 2011, production and area harvested of cotton were highest in 2007 at 1.36 thousand mt and 1.43 thousand hectares. From 2007 to 2011, production and area dropped significantly (Figure 1).

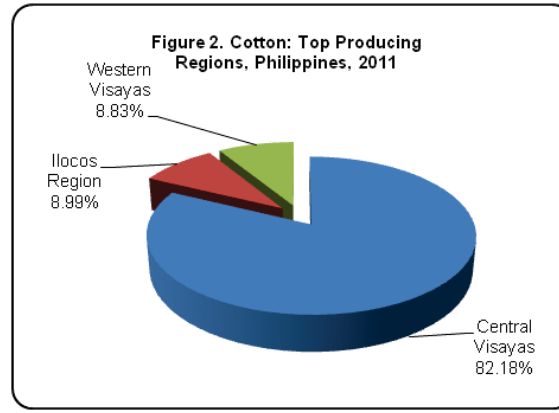


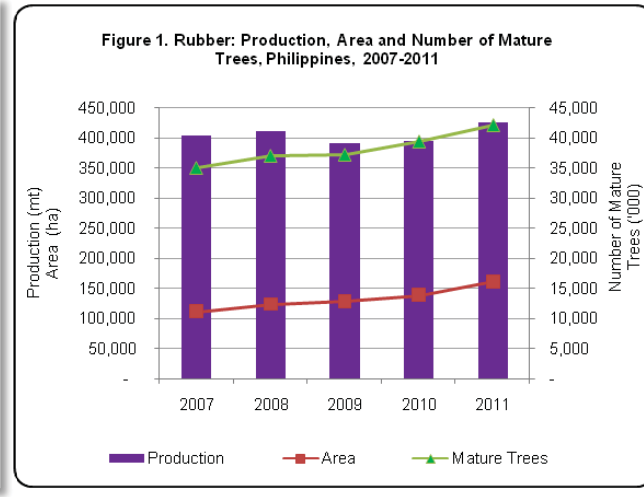
Table 4.6 COTTON: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**1,360**	**738**	**127**	**35**	**51**
CAR					
Ilocos Region	9	6	3	5	5
Cagayan Valley					
Central Luzon	2	2			
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	12	7	7	7	5
Central Visayas	92	72	55	23	42
Eastern Visayas					
Zamboanga Peninsula	21	17	7	0.17	
Northern Mindanao					
Davao Region	23				
SOCCSKSARGEN	1,152	588	56		
Caraga					
ARMM	50	45			
Area (ha)					
PHILIPPINES	**1,426**	**538**	**310**	**48**	**176**
CAR					
Ilocos Region	6	4	3	4	3
Cagayan Valley					
Central Luzon	2	2			
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	15	24	14	8	4
Central Visayas	180	172	172	36	169
Eastern Visayas					
Zamboanga Peninsula	17	2	2	0.10	
Northern Mindanao					
Davao Region	63				
SOCCSKSARGEN	1,045	239	119		
Caraga					
ARMM	98	94			
Yield Per Hectare (mt)					
PHILIPPINES	**0.95**	**1.37**	**0.41**	**0.73**	**0.29**
CAR					
Ilocos Region	1.36	1.36	1.06	1.29	1.36
Cagayan Valley					
Central Luzon	1.10	1.10			
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	0.81	0.31	0.47	0.86	1.13
Central Visayas	0.51	0.42	0.32	0.64	0.25
Eastern Visayas					
Zamboanga Peninsula	1.22	8.72	3.58	1.70	
Northern Mindanao					
Davao Region	0.37				
SOCCSKSARGEN	1.10	2.46	0.47		
Caraga					
ARMM	0.51	0.48			

HIGHLIGHTS

RUBBER

Rubber production rose from 404.07 thousand mt in 2007 to 425.71 thousand mt in 2011 or by average yearly rate of 1.31 percent (Figure 1). The 2011 output was 7.71 percent higher than the 395.24 thousand mt of production in 2010. The higher output was due to the increased number of mature trees as a result of the expansion program in rubber producing provinces. From 2007 to 2011, area planted increased by 9.85 percent and number of mature trees, grew by4.68 percent.



In 2011, the combined output of the top two (2) producing regions of Zamboanga Peninsula and SOCCSKSARGEN was 81.73 percent of the national rubber production (Figure 2). Their combined area and number of mature trees accounted for 71.07 percent and 81.38 percent of the national totals, respectively.

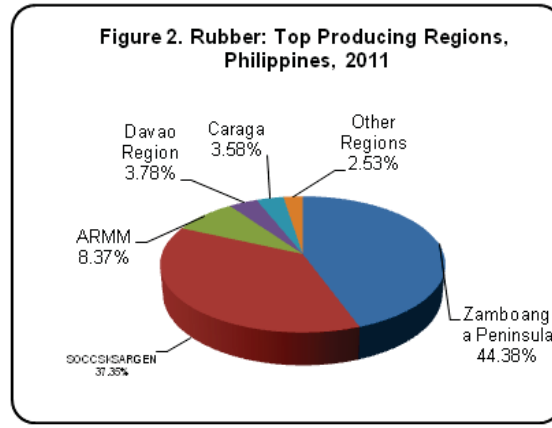


Table 4.7 RUBBER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**404,072**	**411,044**	**390,962**	**395,237**	**425,705**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	4	13	15	12	27
MIMAROPA	15	16	20	24	37
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	175,054	173,715	164,830	171,126	188,934
Northern Mindanao	10,183	10,079	10,169	10,199	10,720
Davao Region	16,376	16,181	15,844	15,795	16,110
SOCCSKSARGEN	157,134	164,005	152,963	149,965	158,995
Caraga	15,420	15,540	14,686	14,619	15,248
ARMM	29,884	31,494	32,435	33,497	35,635
Area (ha)					
PHILIPPINES	**110,972**	**123,260**	**128,337**	**138,710**	**161,565**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	227	227	227	227	221
MIMAROPA	50	50	400	616	616
Bicol Region					
Western Visayas					
Central Visayas	14	14	495	1,005	1,005
Eastern Visayas					
Zamboanga Peninsula	42,133	54,250	57,127	65,084	79,138
Northern Mindanao	4,535	4,567	4,567	4,567	6,847
Davao Region	6,196	6,267	6,411	6,409	6,622
SOCCSKSARGEN	31,078	31,195	31,235	31,927	35,681
Caraga	5,546	5,546	5,941	6,840	6,860
ARMM	21,193	21,144	21,934	22,034	24,575
Yield Per Hectare (mt)					
PHILIPPINES	**3.64**	**3.33**	**3.05**	**2.85**	**2.63**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	0.02	0.06	0.06	0.05	0.12
MIMAROPA	0.31	0.32	0.05	0.04	0.06
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	4.15	3.20	2.89	2.63	2.39
Northern Mindanao	2.25	2.21	2.23	2.23	1.57
Davao Region	2.64	2.58	2.47	2.46	2.43
SOCCSKSARGEN	5.06	5.26	4.90	4.70	4.46
Caraga	2.78	2.80	2.47	2.14	2.22
ARMM	1.41	1.49	1.48	1.52	1.45

Table 4.7a RUBBER: NUMBER OF MATURE TREES, PLANTING DENSITY AND YIELD PER MATURE TREE, BY REGION, PHILIPPINES, 2007-2011

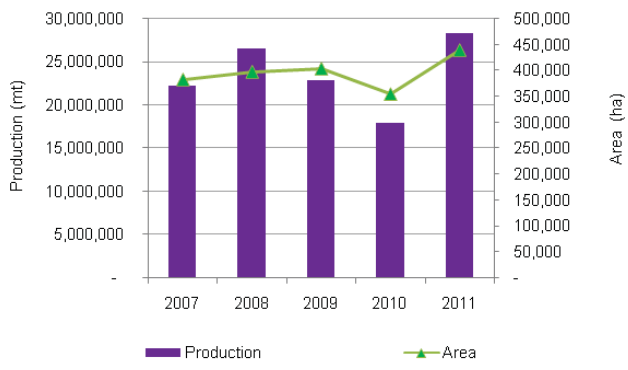
Region	2007	2008	2009	2010	2011
MATURE TREES (no.)					
PHILIPPINES	**35,030,731**	**37,030,656**	**37,212,359**	**39,369,228**	**42,063,221**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	50,650	50,650	51,580	51,380	51,200
MIMAROPA	31,500	32,500	33,100	35,300	43,800
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	16,070,604	17,129,782	17,180,770	18,667,792	20,673,805
Northern Mindanao	411,326	763,833	765,053	765,350	888,525
Davao Region	1,284,946	1,298,001	1,295,976	1,296,138	1,307,139
SOCCSKSARGEN	12,432,240	12,791,310	12,812,705	13,362,677	13,556,530
Caraga	2,466,415	2,466,225	2,466,525	2,487,175	2,485,625
ARMM	2,283,050	2,498,355	2,606,650	2,703,416	3,056,597
MATURE TREES/Ha					
PHILIPPINES	**316**	**300**	**290**	**284**	**260**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	223	224	227	226	232
MIMAROPA	630	650	83	57	71
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	381	316	301	287	261
Northern Mindanao	91	167	168	168	130
Davao Region	207	207	202	202	197
SOCCSKSARGEN	400	410	410	419	380
Caraga	445	445	415	364	362
ARMM	108	118	119	123	124
YIELD PER MATURE TREE (kg)					
PHILIPPINES	**11.53**	**11.10**	**10.51**	**10.04**	**10.12**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	0.08	0.26	0.29	0.24	0.53
MIMAROPA	0.49	0.49	0.60	0.69	0.84
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	10.89	10.14	9.59	9.17	9.14
Northern Mindanao	24.76	13.20	13.29	13.33	12.06
Davao Region	12.74	12.47	12.23	12.19	12.32
SOCCSKSARGEN	12.64	12.82	11.94	11.22	11.73
Caraga	6.25	6.30	5.95	5.88	6.13
ARMM	13.09	12.61	12.44	12.39	11.66

HIGHLIGHTS

SUGARCANE

Sugarcane production registered an annual growth of 6.29 percent from 2007 to 2011 (Figure 1). The trend was fluctuating with the lowest posted in 2010. In 2011, production was 28.38 million mt,58.27 percent higher than the 17.93 million mt of output in 2010.The decrease was traced to the dry spell during the planting stage in 2009 which subsequently led to a lower area harvested, thus, reducing the 2010 harvests.

Figure 1. Sugarcane: Production and Area Harvested, Philippines, 2007-2011



In 2011, Western Visayas was the largest producer sharing 15.42 million mt or 54.34 percent in the total sugarcane production (Figure 2). Also, the region had the largest area harvested of 214.66 thousand hectares which was 48.82 percent of the country's sugarcane area (Table 4.8).

Figure 2. Sugarcane: Top Producing Regions, Philippines, 2011

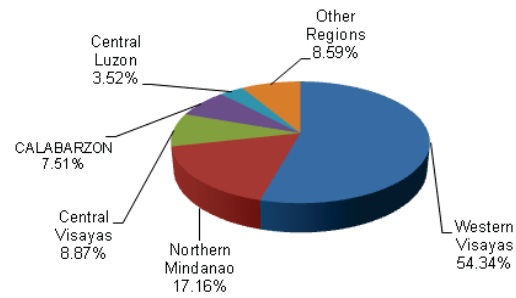


Table 4.8 SUGARCANE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**22,235,297**	**26,601,384**	**22,932,819**	**17,929,269**	**28,376,518**
CAR	9,564	9,842	10,215	6,992	7,977
Ilocos Region	19,001	19,022	20,041	19,614	18,613
Cagayan Valley	260,558	263,371	202,232	181,546	176,322
Central Luzon	899,692	1,321,301	1,034,084	840,863	998,978
CALABARZON	2,197,814	2,457,833	1,791,746	1,665,807	2,132,415
MIMAROPA					
Bicol Region	246,222	319,989	246,343	224,001	306,049
Western Visayas	11,494,675	13,770,505	12,469,613	9,778,749	15,418,669
Central Visayas	2,895,476	2,905,399	2,035,675	1,497,817	2,516,978
Eastern Visayas	400,743	553,088	406,876	352,949	516,706
Zamboanga Peninsula	487	421	405	368	355
Northern Mindanao	2,559,587	3,421,408	3,493,130	2,549,197	4,870,725
Davao Region	616,195	574,492	524,686	256,802	535,122
SOCCSKSARGEN	576,349	926,417	653,062	505,692	821,513
Caraga	12	9	7	3	1
ARMM	58,922	58,285	44,704	48,871	56,095
Area (ha)					
PHILIPPINES	**382,956**	**397,991**	**404,034**	**354,878**	**439,698**
CAR	151	153	171	171	170
Ilocos Region	437	432	455	454	444
Cagayan Valley	7,489	7,496	6,361	5,796	5,480
Central Luzon	16,361	19,352	17,597	17,816	18,826
CALABARZON	30,941	33,716	33,911	29,136	33,495
MIMAROPA					
Bicol Region	6,640	6,880	6,042	5,523	6,181
Western Visayas	192,352	192,580	194,398	170,262	214,657
Central Visayas	41,283	46,283	46,817	41,884	44,074
Eastern Visayas	8,408	8,437	8,532	8,412	8,412
Zamboanga Peninsula	125	119	115	98	97
Northern Mindanao	53,230	57,170	64,028	55,297	82,700
Davao Region	13,616	10,097	11,197	7,332	11,317
SOCCSKSARGEN	10,755	14,325	13,508	11,726	12,942
Caraga	3	3	3	3	3
ARMM	1,164	949	899	968	901
Yield Per Hectare (mt)					
PHILIPPINES	**58.06**	**66.84**	**56.76**	**50.52**	**64.54**
CAR	63.34	64.33	59.74	40.89	46.92
Ilocos Region	43.45	44.03	44.07	43.25	41.93
Cagayan Valley	34.79	35.14	31.79	31.32	32.18
Central Luzon	54.99	68.28	58.76	47.20	53.06
CALABARZON	71.03	72.90	52.84	57.17	63.66
MIMAROPA					
Bicol Region	37.08	46.51	40.77	40.56	49.51
Western Visayas	59.76	71.51	64.14	57.43	71.83
Central Visayas	70.14	62.77	43.48	35.76	57.11
Eastern Visayas	47.66	65.55	47.69	41.96	61.42
Zamboanga Peninsula	3.91	3.55	3.53	3.75	3.65
Northern Mindanao	48.09	59.85	54.56	46.10	58.90
Davao Region	45.25	56.90	46.86	35.02	47.29
SOCCSKSARGEN	53.59	64.67	48.35	43.12	63.48
Caraga	3.47	2.69	2.27	1.10	0.32
ARMM	50.62	61.42	49.72	50.49	62.28

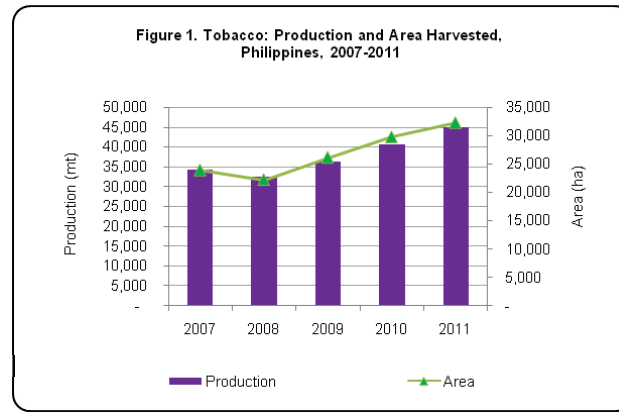
HIGHLIGHTS

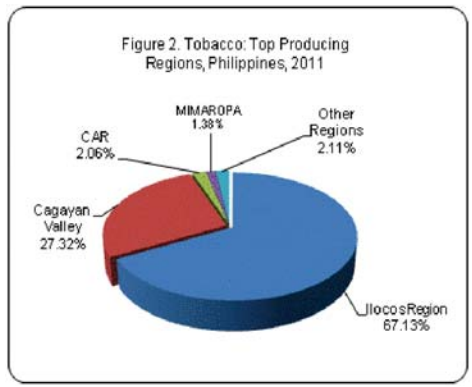
TOBACCO

From 34.29 thousand mt in 2007, tobacco production, dropped by 5.31 percent to 32.47 thousand mt in 2008. From there, it went up by an annual average rate of 11.45 percent from to 44.94 thousand mt in 2011 (Figure 1). In the same period, area harvested to tobacco also increased by 13.27 percent annually, from 22.18 thousand hectares to 32.24 thousand hectares. The increases were the result of crop shifting from corn, garlic and tomato due to assurance of market in the top producing provinces of Ilocos Norte and Ilocos Sur and the availability of technical and financial assistance from the National Tobacco Administration and the Isabela Leaf in Isabela and Cagayan.

In 2011, Ilocos Region remained as the top tobacco producer and contributed 67.13 percent to the national production (Figure 2).

Virginia tobacco, the most preferred tobacco variety, accounted for 47.72 percent in the national output. Native variety shared 25.69 percent (Figure 3).





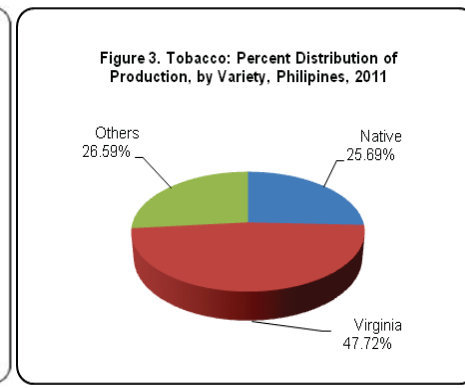


Table 4.9 TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**34,289**	**32,466**	**36,383**	**40,530**	**44,944**
CAR	925	912	929	941	926
Ilocos Region	25,028	23,590	24,341	27,325	30,171
Cagayan Valley	7,048	6,328	9,239	10,502	12,277
Central Luzon	142	25	202	195	168
CALABARZON					
MIMAROPA	200	553	578	563	622
Bicol Region	11	9	7	3	
Western Visayas	278	279	310	323	298
Central Visayas	23	19	18	16	11
Eastern Visayas	26	23	22	20	19
Zamboanga Peninsula	23	21	22	21	16
Northern Mindanao	375	528	560	481	311
Davao Region	25	24	23	22	20
SOCCSKSARGEN	70	60	57	54	50
Caraga	14	9	6	4	2
ARMM	100	85	70	61	54
Area (ha)					
PHILIPPINES	**23,863**	**22,182**	**26,104**	**29,707**	**32,235**
CAR	2,048	2,021	2,018	2,018	2,013
Ilocos Region	15,619	14,596	17,064	20,021	21,509
Cagayan Valley	4,874	4,389	5,758	6,595	7,716
Central Luzon	200	35	100	100	100
CALABARZON					
MIMAROPA	168	254	268	265	308
Bicol Region	16	12	7	4	
Western Visayas	178	172	185	184	182
Central Visayas	131	56	35	26	25
Eastern Visayas	52	50	48	29	26
Zamboanga Peninsula	41	34	33	30	28
Northern Mindanao	400	450	480	350	250
Davao Region	17	17	16	17	15
SOCCSKSARGEN	50	40	40	40	38
Caraga	20	10	7	6	6
ARMM	50	46	44	22	20
Yield Per Hectare (mt)					
PHILIPPINES	**1.44**	**1.46**	**1.39**	**1.36**	**1.39**
CAR	0.45	0.45	0.46	0.47	0.46
Ilocos Region	1.60	1.62	1.43	1.36	1.40
Cagayan Valley	1.45	1.44	1.60	1.59	1.59
Central Luzon	0.71	0.72	2.02	1.95	1.68
CALABARZON					
MIMAROPA	1.19	2.18	2.15	2.12	2.02
Bicol Region	0.67	0.75	0.97	0.69	
Western Visayas	1.56	1.62	1.68	1.76	1.64
Central Visayas	0.18	0.34	0.52	0.61	0.42
Eastern Visayas	0.50	0.46	0.46	0.70	0.74
Zamboanga Peninsula	0.57	0.63	0.66	0.71	0.57
Northern Mindanao	0.94	1.17	1.17	1.38	1.24
Davao Region	1.50	1.42	1.46	1.27	1.35
SOCCSKSARGEN	1.41	1.51	1.41	1.34	1.31
Caraga	0.70	0.93	0.84	0.74	0.27
ARMM	1.99	1.85	1.58	2.77	2.68

Table 4.9.1 NATIVE TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**8,158**	**10,047**	**10,416**	**10,765**	**11,546**
CAR	6	6	6	5	5
Ilocos Region	3,082	5,294	4,164	4,164	4,055
Cagayan Valley	4,118	3,688	5,150	5,590	6,704
Central Luzon					
CALABARZON					
MIMAROPA	8	3	3	3	2
Bicol Region	11	9	7	3	
Western Visayas	278	279	310	323	298
Central Visayas	21	18	17	14	10
Eastern Visayas	26	23	22	20	19
Zamboanga Peninsula	23	21	22	21	16
Northern Mindanao	375	528	560	481	311
Davao Region	25	24	23	22	20
SOCCSKSARGEN	70	60	57	54	50
Caraga	14	9	6	4	2
ARMM	100	85	70	61	54
Area (ha)					
PHILIPPINES	**5,980**	**6,969**	**6,684**	**7,143**	**7,965**
CAR	9	9	7	7	7
Ilocos Region	2,020	3,320	2,600	2,507	2,490
Cagayan Valley	2,991	2,750	3,180	3,918	4,877
Central Luzon					
CALABARZON					
MIMAROPA	8	4	3	3	3
Bicol Region	16	12	7	4	
Western Visayas	178	172	185	184	182
Central Visayas	129	55	34	25	24
Eastern Visayas	52	50	48	29	26
Zamboanga Peninsula	41	34	33	30	28
Northern Mindanao	400	450	480	350	250
Davao Region	17	17	16	17	15
SOCCSKSARGEN	50	40	40	40	38
Caraga	20	10	7	6	6
ARMM	50	46	44	22	20
Yield Per Hectare (mt)					
PHILIPPINES	**1.36**	**1.44**	**1.56**	**1.51**	**1.45**
CAR	0.64	0.63	0.79	0.71	0.72
Ilocos Region	1.53	1.59	1.60	1.66	1.63
Cagayan Valley	1.38	1.34	1.62	1.43	1.37
Central Luzon					
CALABARZON					
MIMAROPA	1.00	0.86	0.87	0.84	0.83
Bicol Region	0.67	0.75	0.97	0.69	
Western Visayas	1.56	1.62	1.68	1.76	1.64
Central Visayas	0.17	0.32	0.50	0.57	0.40
Eastern Visayas	0.50	0.46	0.46	0.70	0.74
Zamboanga Peninsula	0.57	0.63	0.66	0.71	0.57
Northern Mindanao	0.94	1.17	1.17	1.38	1.24
Davao Region	1.50	1.42	1.46	1.27	1.35
SOCCSKSARGEN	1.41	1.51	1.41	1.34	1.31
Caraga	0.70	0.93	0.84	0.74	0.27
ARMM	1.99	1.85	1.58	2.77	2.68

Table 4.9.2 VIRGINIA TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

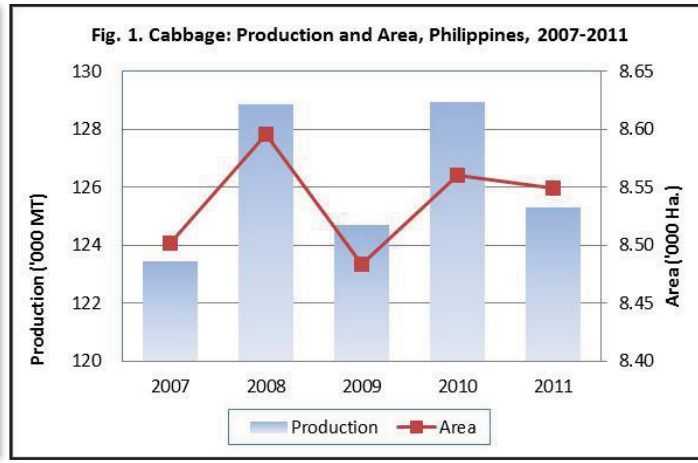
Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**19,737**	**15,125**	**16,578**	**18,839**	**21,447**
CAR	919	905	922	935	920
Ilocos Region	18,816	14,218	15,655	17,903	20,526
Cagayan Valley					
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	2	2	1	2	1
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**14,206**	**11,457**	**14,502**	**17,392**	**18,731**
CAR	2,038	2,011	2,010	2,010	2,005
Ilocos Region	12,166	9,445	12,491	15,381	16,725
Cagayan Valley					
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	2	1	1	1	1
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**1.39**	**1.32**	**1.14**	**1.08**	**1.15**
CAR	0.45	0.45	0.46	0.47	0.46
Ilocos Region	1.55	1.51	1.25	1.16	1.23
Cagayan Valley					
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	1.00	1.69	1.42	2.51	0.95
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					

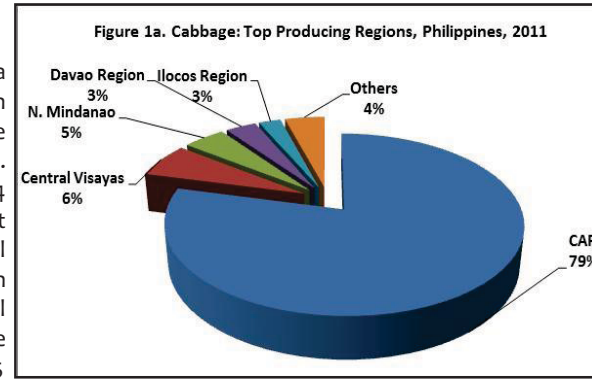
D. VEGETABLES, ROOT CROPS and TUBERS

HIGHLIGHTS

CABBAGE

During the years 2007 to 2011, cabbage production fluctuated (Figure 1). Outputs were higher in 2008 and 2010 but these were lower in 2007 and 2009. In 2011, production at 125.31 thousand mt was down by 2.83 percent from the 2010 record. Area harvested at 8.55 thousand hectares also decreased by 0.13 percent in 2011. These reductions were mainly due to the effects of heavy rainfall and strong winds brought by typhoons Mina, Pedring and Quiel in Benguet during the second half of 2011.





The Cordillera Administrative Region (CAR) was consistently the top producer of cabbage. In 2011, it produced 98.94 thousand mt or 79 percent of the country's total production (Figure 1a). In the Visayas, Central Visayas led in cabbage production with 7.95 thousand mt. In Mindanao, the top two (2) producers were Northern Mindanao with 5.75 thousand mt and Davao Region with 4.21 thousand mt.

Table 5.1 CABBAGE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

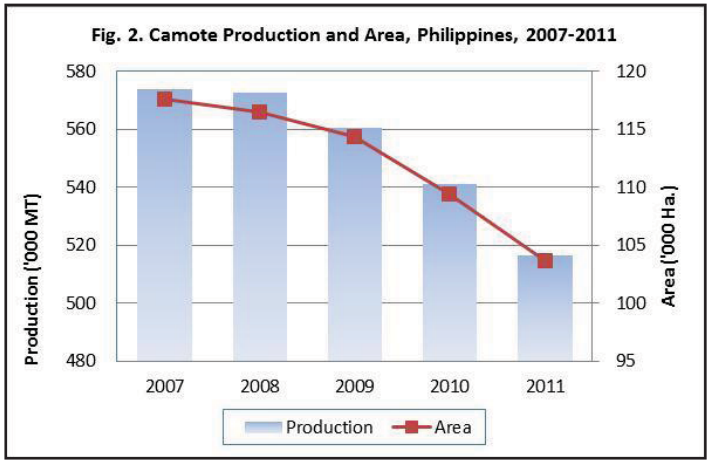
Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**123,443**	**128,865**	**124,712**	**128,964**	**125,309**
CAR	99,957	102,894	99,155	102,344	98,943
Ilocos Region	2,752	2,790	2,539	2,887	3,012
Cagayan Valley	1,440	1,436	1,390	1,360	1,274
Central Luzon	5				
CALABARZON	1,102	1,037	866	863	848
MIMAROPA	15	26	26	28	28
Bicol Region	333	332	301	283	265
Western Visayas	548	538	476	477	484
Central Visayas	6,251	6,524	6,828	7,786	7,947
Eastern Visayas	159	194	196	188	181
Zamboanga Peninsula	297	298	311	314	317
Northern Mindanao	3,567	5,581	5,995	5,736	5,752
Davao Region	4,661	4,850	4,468	4,522	4,212
SOCCSKSARGEN	1,437	1,498	1,483	1,545	1,564
Caraga	211	199	135	77	18
ARMM	709	671	544	556	465
Area (ha)					
PHILIPPINES	**8,502**	**8,595** R/	**8,483**	**8,561**	**8,550**
CAR	5,520	5,536	5,435	5,436	5,444
Ilocos Region	371	367	342	367	369
Cagayan Valley	176	175	175	195	193
Central Luzon	2				
CALABARZON	131	123	127	130	133
MIMAROPA	6	11	12	17	20
Bicol Region	45	43	39	32	27
Western Visayas	71	70	65	67	67
Central Visayas	704	698	723	749	759
Eastern Visayas	27	33	35	34	33
Zamboanga Peninsula	93	100	109	109	113
Northern Mindanao	415	490	511	490	490
Davao Region	625	635	611	616	601
SOCCSKSARGEN	199	205	202	223	223
Caraga	38	35	21	18	4
ARMM	79	77	77	79	75
Yield Per Hectare (mt)					
PHILIPPINES	**14.52**	**14.99**	**14.70**	**15.06**	**14.66**
CAR	18.11	18.59	18.24	18.83	18.18
Ilocos Region	7.42	7.61	7.42	7.87	8.16
Cagayan Valley	8.18	8.20	7.97	6.97	6.62
Central Luzon	2.50				
CALABARZON	8.41	8.46	6.82	6.64	6.37
MIMAROPA	2.49	2.32	2.15	1.63	1.38
Bicol Region	7.48	7.71	7.71	8.97	9.71
Western Visayas	7.72	7.68	7.33	7.11	7.23
Central Visayas	8.88	9.34	9.44	10.40	10.47
Eastern Visayas	5.83	5.89	5.55	5.55	5.50
Zamboanga Peninsula	3.19	2.98	2.86	2.88	2.81
Northern Mindanao	8.60	11.40	11.72	11.71	11.74
Davao Region	7.46	7.64	7.31	7.34	7.01
SOCCSKSARGEN	7.21	7.31	7.35	6.94	7.02
Caraga	5.55	5.72	6.56	4.25	4.13
ARMM	8.97	8.71	7.06	7.04	6.20

R/ - Revised

HIGHLIGHTS

CAMOTE

Camote production continuously decreased at an average annual rate of 2.59 percent. From 573.73 thousand mt in 2007, output went down to 516.34 thousand mt in 2011. Area harvested also showed a downward trend; from 117.58 thousand hectares in 2007, it settled at 103.70 thousand hectares in 2011 (Figure 2). However, yield per hectare was increasing from 4.88mt in 2007, it went up to 4.98mt in 2011and registered an average annual growth rate of 0.51 percent (Table 5.2).



Eastern Visayas was the top producer in 2011with 118.98 thousand mt or 23.04 percent of the national production (Figure 2a). The second largest producer was Bicol Region with 92.12 thousand mt, followed by Western Visayas with 45.34 thousand mt (Table 5.4). Their respective shares to the national camote output were 17.84 percent and 8.78 percent (Figure 2).

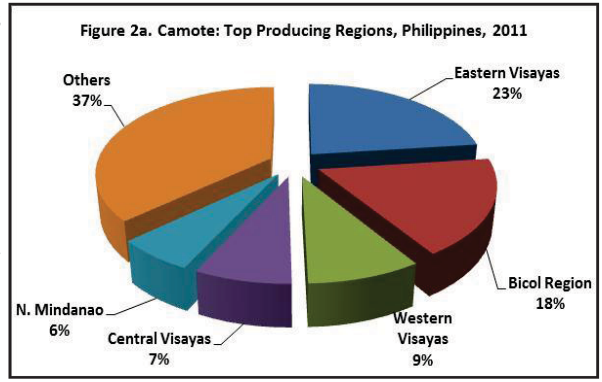


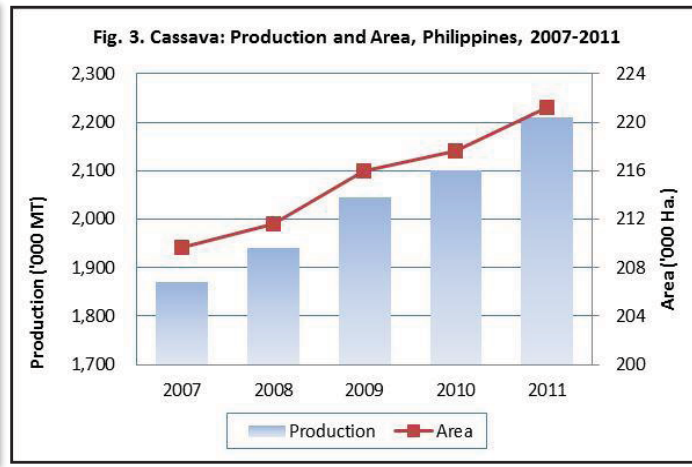
Table 5.2 CAMOTE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

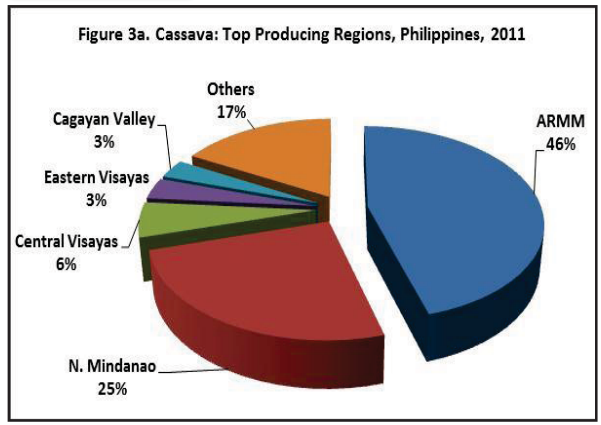
Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**573,734**	**572,655**	**560,516**	**541,265**	**516,338**
CAR	17,279	17,353	17,187	16,520	15,976
Ilocos Region	16,365	15,320	15,169	15,516	15,256
Cagayan Valley	16,575	15,886	13,574	11,068	11,063
Central Luzon	31,558	31,555	31,685	31,544	30,004
CALABARZON	40,169	37,190	33,684	32,312	31,390
MIMAROPA	12,121	12,553	12,662	12,851	13,319
Bicol Region	91,761	95,767	95,861	94,701	92,121
Western Visayas	46,298	44,600	46,447	44,455	45,345
Central Visayas	47,908	47,557	47,022	40,847	38,718
Eastern Visayas	119,601	118,067	118,185	118,040	118,983
Zamboanga Peninsula	10,782	10,205	9,854	8,774	8,952
Northern Mindanao	27,491	28,551	29,437	29,725	31,530
Davao Region	19,435	19,620	19,814	19,901	19,014
SOCCSKSARGEN	9,599	9,735	10,155	10,457	10,783
Caraga	60,719	62,383	53,656	48,475	27,908
ARMM	6,074	6,313	6,126	6,081	5,977
Area (ha)					
PHILIPPINES	**117,584**	**116,465**	**114,380**	**109,438**	**103,704**
CAR	3,159	3,165	3,167	3,033	3,018
Ilocos Region	3,195	2,982	2,996	3,060	3,015
Cagayan Valley	2,395	2,305	2,127	1,843	1,751
Central Luzon	7,972	7,961	8,003	6,793	6,789
CALABARZON	4,567	4,019	4,000	3,865	3,862
MIMAROPA	2,475	2,491	2,501	2,482	2,527
Bicol Region	19,904	19,908	19,892	19,603	19,422
Western Visayas	6,775	6,575	6,750	6,648	6,709
Central Visayas	13,812	13,467	12,501	11,548	10,237
Eastern Visayas	26,054	26,095	26,126	25,491	24,876
Zamboanga Peninsula	3,095	3,121	3,106	3,076	3,041
Northern Mindanao	2,577	2,599	2,587	2,602	2,644
Davao Region	4,097	4,131	4,174	4,155	3,833
SOCCSKSARGEN	1,551	1,538	1,558	1,574	1,574
Caraga	13,428	13,568	12,323	11,099	7,915
ARMM	2,528	2,540	2,570	2,566	2,491
Yield Per Hectare (mt)					
PHILIPPINES	**4.88**	**4.92**	**4.90**	**4.95**	**4.98**
CAR	5.47	5.48	5.43	5.45	5.29
Ilocos Region	5.12	5.14	5.06	5.07	5.06
Cagayan Valley	6.92	6.89	6.38	6.00	6.32
Central Luzon	3.96	3.96	3.96	4.64	4.42
CALABARZON	8.80	9.25	8.42	8.36	8.13
MIMAROPA	4.90	5.04	5.06	5.18	5.27
Bicol Region	4.61	4.81	4.82	4.83	4.74
Western Visayas	6.83	6.78	6.88	6.69	6.76
Central Visayas	3.47	3.53	3.76	3.54	3.78
Eastern Visayas	4.59	4.52	4.52	4.63	4.78
Zamboanga Peninsula	3.48	3.27	3.17	2.85	2.94
Northern Mindanao	10.67	10.99	11.38	11.42	11.92
Davao Region	4.74	4.75	4.75	4.79	4.96
SOCCSKSARGEN	6.19	6.33	6.52	6.64	6.85
Caraga	4.52	4.60	4.35	4.37	3.53
ARMM	2.40	2.49	2.38	2.37	2.40

HIGHLIGHTS

CASSAVA

Cassava production grew at an annual rate of 4.25 percent from 2007 to 2011. The country came up with 2.21 million mt in 2011 (Figure 3). The output gain was traced to the continuous expansion of contract growing areas, particularly, in Isabela, Negros Oriental, Bukidnon and Misamis Oriental. The presence of cassava chips traders encouraged farmers to increase their cassava areas in Northern Mindanao, Lanao del Sur and Basilan. Average yield had continuously increased; from 8.93 mt per hectare in 2007, it went up to 9.99 mt per hectare in 2011 with an average annual growth of 2.85 percent.





ARMM with 1.01 million mt of production in 2011 remained as the top producer (Table 5.3). It accounted for 45.59 percent of the country's total production in 2011 (Figure 3a). Northern Mindanao ranked second with a share of 24.94 percent and Central Visayas with a share of 5.80 percent in the national production.

Table 5.3 CASSAVA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

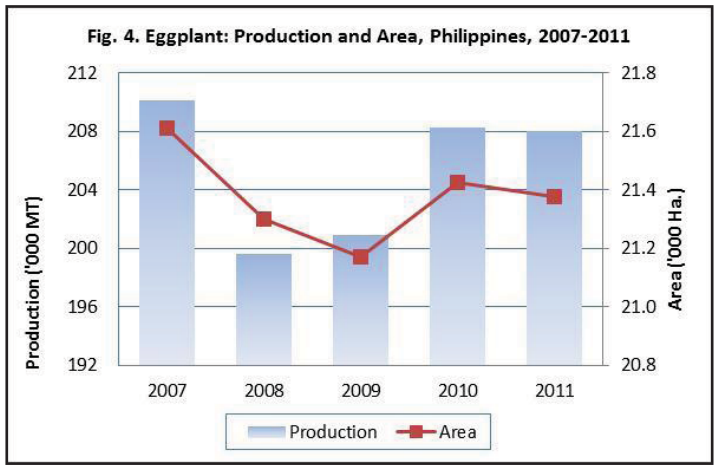
Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**1,871,138**	**1,941,574** R/	**2,043,719**	**2,101,454**	**2,209,684**
CAR	1,749	1,865	1,839	1,813	1,671
Ilocos Region	16,809	16,766	17,493	17,933	17,746
Cagayan Valley	30,475	30,864	38,545	41,291	70,060
Central Luzon	9,187	9,199	9,294	9,449	10,032
CALABARZON	63,969	60,141	54,787	50,368	47,980
MIMAROPA	9,413	10,618	11,531	12,207	12,858
Bicol Region	108,706	112,900	115,112	114,625	110,020
Western Visayas	61,559	59,710	60,966	60,116	61,921
Central Visayas	79,742	83,539	106,079	118,668	128,156
Eastern Visayas	72,867	72,792	73,194	73,392	78,805
Zamboanga Peninsula	29,038	30,598	30,416	30,746	30,352
Northern Mindanao	310,517	348,971	417,943	471,511	551,123
Davao Region	15,707	15,550	14,990	14,788	14,511
SOCCSKSARGEN	32,725	31,857	31,314	34,556	43,386
Caraga	50,801	52,662	47,886	41,124	23,609
ARMM	977,874	1,003,542	1,012,330	1,008,867	1,007,454
Area (ha)					
PHILIPPINES	**209,633**	**211,657**	**215,933**	**217,622**	**221,235**
CAR	294	307	312	317	313
Ilocos Region	2,330	2,305	2,308	2,312	2,264
Cagayan Valley	2,494	2,559	3,090	3,336	4,859
Central Luzon	1,169	1,175	1,188 R/	1,207	1,312
CALABARZON	8,775	8,243	8,150	7,894	7,885
MIMAROPA	2,248	2,330	2,378	2,346	2,389
Bicol Region	22,896	22,901	22,895	22,830	22,750
Western Visayas	6,765	6,597	6,665	6,682	6,749
Central Visayas	11,334	11,641	13,701	15,131	15,894
Eastern Visayas	23,207	23,243	23,390	22,714	22,533
Zamboanga Peninsula	6,609	7,228	7,098	7,052	7,015
Northern Mindanao	15,351	16,326	18,933	20,938	24,358
Davao Region	2,296	2,264	2,219	2,174	2,159
SOCCSKSARGEN	1,933	1,905	1,884	1,984	2,111
Caraga	8,518	8,562	7,631	6,678	4,474
ARMM	93,415	94,071	94,091 R/	94,029	94,171
Yield Per Hectare (mt)					
PHILIPPINES	**8.93**	**9.17**	**9.46**	**9.66**	**9.99**
CAR	5.95	6.07	5.90	5.73	5.34
Ilocos Region	7.22	7.27	7.58	7.76	7.84
Cagayan Valley	12.22	12.06	12.47	12.38	14.42
Central Luzon	7.86	7.84	7.82 R/	7.83	7.65
CALABARZON	7.29	7.30	6.72	6.38	6.08
MIMAROPA	4.19	4.56	4.85	5.20	5.38
Bicol Region	4.75	4.93	5.03	5.02	4.84
Western Visayas	9.10	9.05	9.15	9.00	9.17
Central Visayas	7.04	7.18	7.74	7.84	8.06
Eastern Visayas	3.14	3.13	3.13	3.23	3.50
Zamboanga Peninsula	4.39	4.23	4.29	4.36	4.33
Northern Mindanao	20.23	21.38	22.07	22.52	22.63
Davao Region	6.84	6.87	6.76	6.80	6.72
SOCCSKSARGEN	16.93	16.72	16.62	17.42	20.56
Caraga	5.96	6.15	6.27	6.16	5.28
ARMM	10.47	10.67	10.76	10.73	10.70

R/ - Revised

HIGHLIGHTS

EGGPLANT

Eggplant production fluctuated during the reference years. From 210.16 thousand mt in 2007, it went down to 207.99 thousand mt in 2011. It decreased by an average rate of 0.21 percent (Figure 4). Area harvested also declined from 21.61 thousand hectares in 2007 to 21.38 thousand hectares in 2011 at a decreasing rate of 0.27 percent. However, yield per hectare increased from 9.72 mt in 2007 to 9.73 mt in 2011.



In 2011, Ilocos remained the top producer of eggplant with 75.38 thousand mt which accounted for 36.24 percent of total production in the country (Figure 4a). CALABARZON trailed second with an output of 36.40 thousand mt or 17.50 percent to the national output. Cagayan Valley followed with 19.32 thousand mt or 9.29 percent of the total eggplant production.

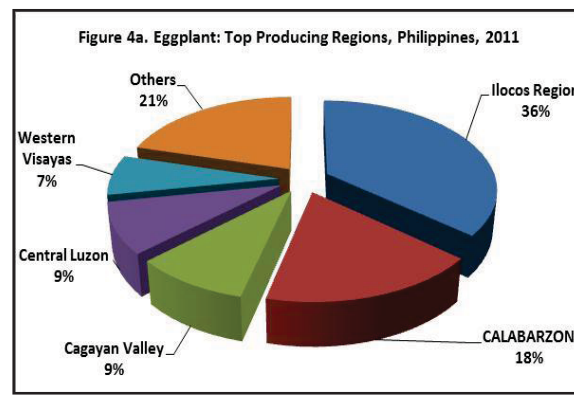


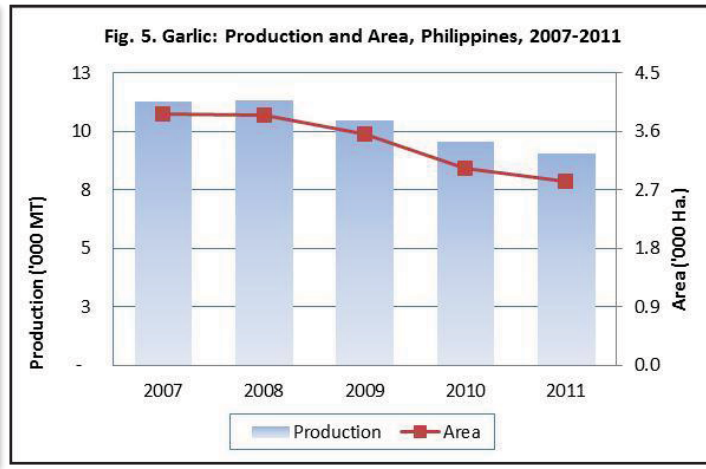
Table 5.4 EGGPLANT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

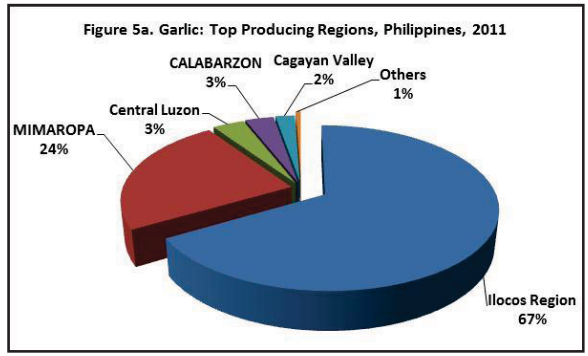
Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**210,156**	**199,579**	**200,942**	**208,242**	**207,994**
CAR	776	789	791	796	805
Ilocos Region	87,053	73,100	70,098	73,659	75,375
Cagayan Valley	18,626	19,335	19,894	18,264	19,320
Central Luzon	19,176	19,107	19,355	19,225	18,863
CALABARZON	30,423	32,213	33,396	37,573	36,401
MIMAROPA	2,213	2,354	2,346	2,458	2,625
Bicol Region	7,028	7,102	6,834	7,159	6,937
Western Visayas	14,385	13,486	14,289	14,730	15,086
Central Visayas	5,430	6,842	8,105	8,463	7,284
Eastern Visayas	2,252	2,219	2,224	2,236	2,251
Zamboanga Peninsula	1,745	1,752	1,781	1,811	1,818
Northern Mindanao	3,259	3,608	3,697	3,794	4,102
Davao Region	6,585	6,425	6,506	6,646	6,450
SOCCSKSARGEN	6,804	6,624	7,032	6,897	7,092
Caraga	3,793	4,006	3,996	3,922	2,974
ARMM	609	616	598	610	612
Area (ha)					
PHILIPPINES	**21,613**	**21,299**	**21,170**	**21,423**	**21,377**
CAR	138	135	134	134	133
Ilocos Region	5,366	4,908	4,725	4,815	4,866
Cagayan Valley	1,939	1,960	1,917	1,743	1,875
Central Luzon	2,890	2,894	2,898	2,908	2,914
CALABARZON	1,731	1,762	1,712	1,775	1,877
MIMAROPA	897	919	926	956	984
Bicol Region	1,353	1,362	1,359	1,383	1,355
Western Visayas	1,459	1,384	1,428	1,469	1,495
Central Visayas	1,713	1,750	1,807	1,918	1,649
Eastern Visayas	338	339	340	343	352
Zamboanga Peninsula	527	532	530	594	593
Northern Mindanao	722	755	773	775	795
Davao Region	1,177	1,193	1,211	1,219	1,173
SOCCSKSARGEN	570	613	621	624	631
Caraga	574	579	571	544	468
ARMM	218	215	218	225	219
Yield Per Hectare (mt)					
PHILIPPINES	**9.72**	**9.37**	**9.49**	**9.72**	**9.73**
CAR	5.62	5.85	5.90	5.95	6.06
Ilocos Region	16.22	14.89	14.84	15.30	15.49
Cagayan Valley	9.61	9.86	10.38	10.48	10.30
Central Luzon	6.64	6.60	6.68	6.61	6.47
CALABARZON	17.58	18.28	19.51	21.17	19.39
MIMAROPA	2.47	2.56	2.53	2.57	2.67
Bicol Region	5.19	5.21	5.03	5.18	5.12
Western Visayas	9.86	9.74	10.01	10.03	10.09
Central Visayas	3.17	3.91	4.49	4.41	4.42
Eastern Visayas	6.65	6.55	6.54	6.51	6.40
Zamboanga Peninsula	3.31	3.29	3.36	3.05	3.07
Northern Mindanao	4.51	4.78	4.78	4.90	5.16
Davao Region	5.59	5.39	5.37	5.45	5.50
SOCCSKSARGEN	11.94	10.81	11.33	11.06	11.25
Caraga	6.61	6.92	6.99	7.21	6.35
ARMM	2.79	2.86	2.75	2.71	2.79

HIGHLIGHTS

GARLIC

From 2007 to 2011, garlic production was decreasing continuously by an average of 5.29 percent annually (Figure 5). The downtrend in production was due to reported crop shifting to native onion and tobacco in Ilocos Norte as farmers were unable to compete with the low-priced imported garlic in the market. Area harvested also decreased by 7.35 percent every year.





Ilocos Region was the leading garlic producer; in 2011, it came up with 6.03 thousand mt and shared 66.63 percent in the country's total production (Figure 5a). MIMAROPA came next with 2.16 thousand mt or 23.86 percent of total production in the country.

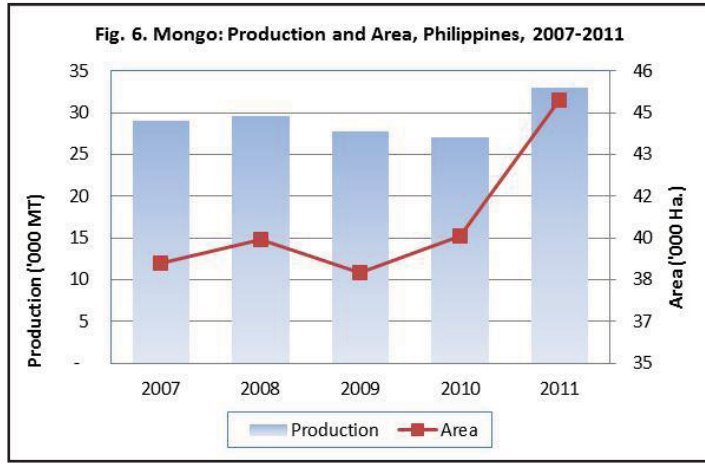
Table 5.5 GARLIC: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**11,285**	**11,348**	**10,451**	**9,563**	**9,056**
CAR	20	17	16	14	13
Ilocos Region	8,267	8,235	7,478	6,540	6,034
Cagayan Valley	220	218	214	185	196
Central Luzon	313	325	329	324	321
CALABARZON	465	439	380	332	293
MIMAROPA	1,912	2,049	1,988	2,127	2,161
Bicol Region	3	3	2	2	2
Western Visayas	81	60	40	35	32
Central Visayas					
Eastern Visayas	4	4	4	4	4
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**3,863**	**3,849**	**3,552**	**3,039**	**2,830**
CAR	18	14	13	12	8
Ilocos Region	3,017	3,016	2,741	2,251	2,057
Cagayan Valley	74	64	57	51	51
Central Luzon	140	142	144	141	140
CALABARZON	93	86	86	83	71
MIMAROPA	499	512	498	489	492
Bicol Region	1	1	1	1	1
Western Visayas	18	14	10	9	8
Central Visayas	1				
Eastern Visayas	2	2	2	2	2
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**2.92**	**2.95**	**2.94**	**3.15**	**3.20**
CAR	1.14	1.25	1.22	1.16	1.68
Ilocos Region	2.74	2.73	2.73	2.91	2.93
Cagayan Valley	2.98	3.40	3.76	3.63	3.81
Central Luzon	2.24	2.29	2.29	2.29	2.29
CALABARZON	5.00	5.13	4.41	4.00	4.15
MIMAROPA	3.83	4.00	3.99	4.35	4.39
Bicol Region	2.66	2.58	2.19	1.97	1.91
Western Visayas	4.50	4.25	4.00	3.91	4.00
Central Visayas					
Eastern Visayas	2.00	2.00	2.08	2.08	2.14
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					

HIGHLIGHTS

MONGO

Mongo production fluctuated with an upward trend from 29.07 thousand mt in 2007 to 32.96 thousand mt in 2011 at an average rate of 3.73 percent (Figure 6). Area harvested also increased at an average annual rate of 3.96 percent. However, yield per hectare decreased from 0.75 mt in 2007 to 0.73 mt in 2011.



Ilocos Region remained the largest producer with 11.08 thousand mt or 33.62 percent of the country's total mongo production in 2011. Cagayan Valley ranked as second largest producer with 10.03 thousand mt or 30.42 percent of the total production; followed by ARMM, 2.72 thousand mt or 8.27 percent share; and Central Luzon, 2.55 thousand mt production or 7.75 percent share to the total production (Figure 6a).

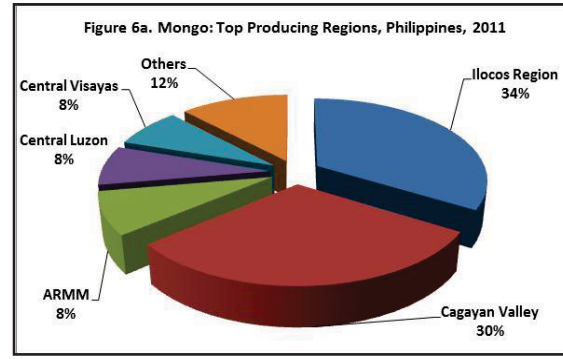


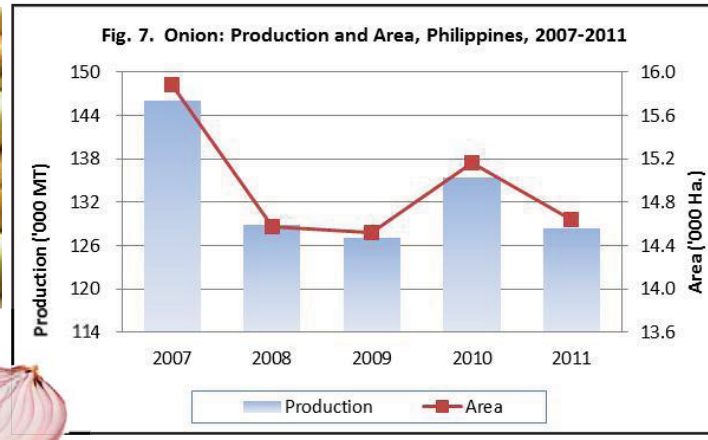
Table 5.6 MONGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

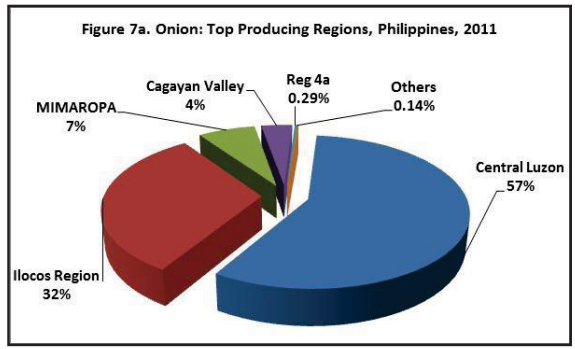
Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**29,067**	**29,617**	**27,694**	**27,055**	**32,960**
CAR	143	142	139	131	141
Ilocos Region	11,767	11,342	11,293	11,146	11,080
Cagayan Valley	3,399	4,957	3,692	3,950	10,028
Central Luzon	2,224	2,275	2,299	2,201	2,554
CALABARZON	192	171	157	132	136
MIMAROPA	528	560	591	597	640
Bicol Region	164	164	159	157	147
Western Visayas	4,463	3,727	3,335	2,807	2,552
Central Visayas	644	739	691	673	584
Eastern Visayas	272	273	280	274	272
Zamboanga Peninsula	226	249	238	210	198
Northern Mindanao	349	347	372	377	373
Davao Region	1,055	1,032	1,033	993	946
SOCCSKSARGEN	535	511	520	494	466
Caraga	122	123	93	146	117
ARMM	2,985	3,005	2,801	2,767	2,725
Area (ha)					
PHILIPPINES	**39,011**	**39,923**	**38,658**	**40,080**	**45,283**
CAR	175	172	172	168	184
Ilocos Region	11,030	10,628	10,610	10,489	10,264
Cagayan Valley	6,340	8,493	7,674	9,687	15,580
Central Luzon	3,091	3,080	3,088	3,057	3,364
CALABARZON	243	210	192	182	176
MIMAROPA	805	821	828	836	865
Bicol Region	267	262	258	254	242
Western Visayas	6,847	6,064	5,772	5,345	5,153
Central Visayas	1,758	1,916	1,844	1,853	1,639
Eastern Visayas	435	435	441	436	435
Zamboanga Peninsula	339	373	366	331	298
Northern Mindanao	493	491	502	511	507
Davao Region	1,540	1,536	1,520	1,507	1,349
SOCCSKSARGEN	676	634	647	638	587
Caraga	209	208	143	185	146
ARMM	4,765	4,602	4,600	4,602	4,495
Yield Per Hectare (mt)					
PHILIPPINES	**0.75**	**0.74**	**0.72**	**0.68**	**0.73**
CAR	0.82	0.83	0.81	0.78	0.77
Ilocos Region	1.07	1.07	1.06	1.06	1.08
Cagayan Valley	0.54	0.58	0.48	0.41	0.64
Central Luzon	0.72	0.74	0.74	0.72	0.76
CALABARZON	0.79	0.81	0.82	0.73	0.77
MIMAROPA	0.66	0.68	0.71	0.71	0.74
Bicol Region	0.61	0.63	0.62	0.62	0.61
Western Visayas	0.65	0.61	0.58	0.53	0.50
Central Visayas	0.37	0.39	0.37	0.36	0.36
Eastern Visayas	0.62	0.63	0.63	0.63	0.63
Zamboanga Peninsula	0.67	0.67	0.65	0.63	0.67
Northern Mindanao	0.71	0.71	0.74	0.74	0.74
Davao Region	0.69	0.67	0.68	0.66	0.70
SOCCSKSARGEN	0.79	0.81	0.80	0.77	0.79
Caraga	0.58	0.59	0.65	0.79	0.80
ARMM	0.63	0.65	0.61	0.60	0.61

HIGHLIGHTS

ONION

Onion production from 2007 to 2011 decreased by an average of 2.96 percent annually. It was 128.39 thousand mt in 2011. Similarly, area harvested was going down by an annual average rate of 1.90 percent. From 15.88 thousand hectares in 2007, it decreased to 14.64 thousand hectares in 2011 (Figure 7). Yield per hectare was also decreasing and in 2011, it was 8.77 mt.





Central Luzon, Ilocos Region, and MIMAROPA were the country's top onion producers in 2011 (Figure 7a).

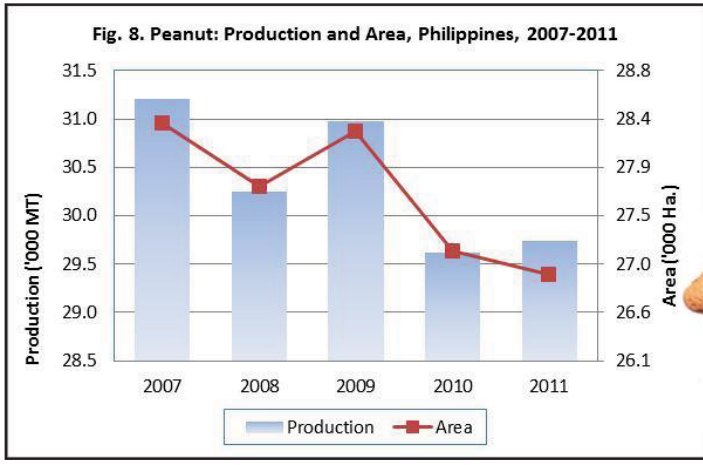
Table 5.7 ONION: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**146,108**	**128,923**	**127,055**	**135,377**	**128,387**
CAR					
Ilocos Region	46,198	42,988	39,780	42,091	40,621
Cagayan Valley	4,826	2,046	2,059	3,183	4,799
Central Luzon	77,868	70,302	72,719	74,868	73,535
CALABARZON	200	200	206	221	366
MIMAROPA	16,598	13,129	12,080	14,817	8,888
Bicol Region					
Western Visayas	367	217	176	164	149
Central Visayas				1	2
Eastern Visayas					
Zamboanga Peninsula	16	16	16	14	6
Northern Mindanao					0.40
Davao Region					
SOCCSKSARGEN	36	25	19	19	20
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**15,879**	**14,579**	**14,526**	**15,169**	**14,641**
CAR					
Ilocos Region	4,930	4,837	4,618	4,689	4,753
Cagayan Valley	524	369	334	383	477
Central Luzon	8,294	7,667	7,973	8,195	8,178
CALABARZON	33	35	35	38	78
MIMAROPA	2,002	1,602	1,502	1,806	1,106
Bicol Region					
Western Visayas	73	48	44	42	39
Central Visayas				0.04	0.27
Eastern Visayas					
Zamboanga Peninsula	17	18	18	12	5
Northern Mindanao					0.20
Davao Region					
SOCCSKSARGEN	6	3	3	4	4
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**9.20**	**8.84**	**8.75**	**8.92**	**8.77**
CAR					
Ilocos Region	9.37	8.89	8.61	8.98	8.55
Cagayan Valley	9.21	5.54	6.16	8.32	10.05
Central Luzon	9.39	9.17	9.12	9.14	8.99
CALABARZON	6.05	5.79	5.89	5.81	4.69
MIMAROPA	8.29	8.20	8.04	8.21	8.04
Bicol Region					
Western Visayas	5.03	4.52	4.00	3.90	3.81
Central Visayas				18.25	9.25
Eastern Visayas					
Zamboanga Peninsula	0.96	0.90	0.89	1.14	1.25
Northern Mindanao					2.00
Davao Region					
SOCCSKSARGEN	5.63	7.86	6.80	4.60	4.96
Caraga					
ARMM					

HIGHLIGHTS

PEANUT

Peanut production decreased from 31.21 thousand mt in 2007 to 29.62 thousand mt in 2010. Average annual drop was 1.16 percent. In 2011, production recovered by 0.37 percent at 29.73 thousand mt. Area harvested also decreased from 28.32 thousand hectares in 2007 to 26.90 thousand hectares in 2011 at an average annual rate of 1.25 percent (Figure 8). Yield per hectare increased from 1.10 mt in 2007 to 1.11 mt in 2011.



Thirty nine (39) percent of peanut produced in the country were from Ilocos Region (Figure 8a). The other top producing regions were Cagayan Valley (4.4 thousand mt), Northern Mindanao (2.9 thousand mt), Central Visayas (2.0 thousand mt) and Central Luzon (1.8 thousand mt) (Table 5.8).

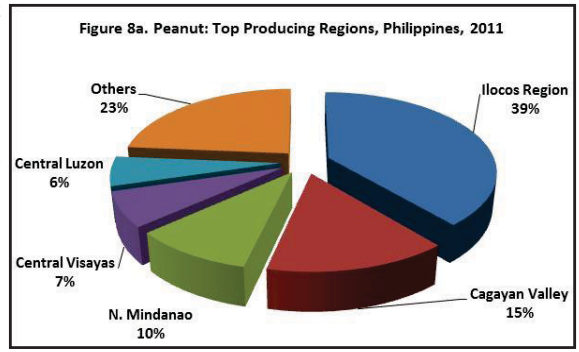


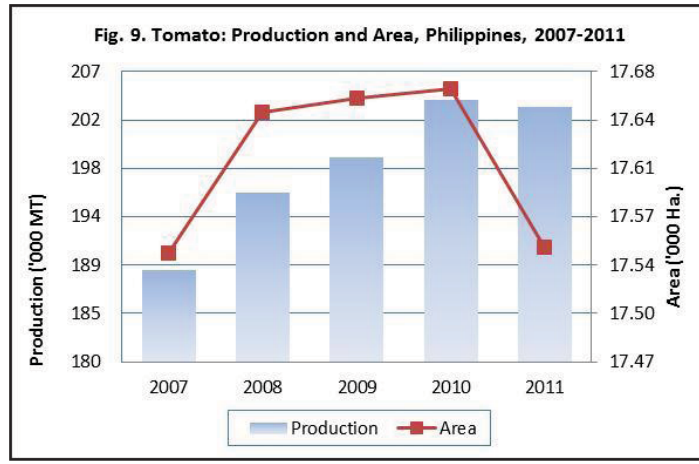
Table 5.8 PEANUT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

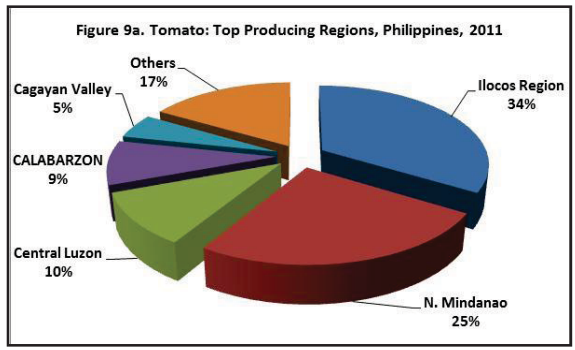
Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**31,205**	**30,247**	**30,978**	**29,624**	**29,734**
CAR	137	131	124	122	121
Ilocos Region	13,054	11,808	11,834	12,120	11,566
Cagayan Valley	4,072	4,056	4,432	3,393	4,373
Central Luzon	1,882	1,857	1,769	1,731	1,764
CALABARZON	756	751	738	635	651
MIMAROPA	927	1,132	1,202	1,215	1,249
Bicol Region	956	948	945	956	931
Western Visayas	2,110	2,290	2,324	2,061	2,079
Central Visayas	1,286	1,225	1,335	1,147	1,071
Eastern Visayas	521	551	569	563	575
Zamboanga Peninsula	537	544	551	515	497
Northern Mindanao	2,946	2,886	3,047	3,091	2,923
Davao Region	669	679	688	654	580
SOCCSKSARGEN	554	605	687	644	658
Caraga	164	150	112	162	92
ARMM	635	636	619	613	604
Area (ha)					
PHILIPPINES	**28,316**	**27,726**	**28,235**	**27,123**	**26,902**
CAR	258	254	253	254	252
Ilocos Region	8,395	7,641	7,660	7,808	7,593
Cagayan Valley	3,396	3,351	3,690	3,159	3,780
Central Luzon	1,444	1,419	1,419	1,403	1,285
CALABARZON	970	980	982	849	804
MIMAROPA	1,157	1,176	1,183	1,173	1,182
Bicol Region	1,382	1,379	1,374	1,367	1,338
Western Visayas	3,262	3,390	3,474	3,314	3,337
Central Visayas	1,697	1,699	1,757	1,553	1,477
Eastern Visayas	869	868	874	869	869
Zamboanga Peninsula	985	1,047	1,061	940	899
Northern Mindanao	2,010	1,985	2,048	2,047	1,967
Davao Region	795	802	818	733	522
SOCCSKSARGEN	452	504	543	525	532
Caraga	237	233	105	138	105
ARMM	1,008	999	994	991	961
Yield Per Hectare (mt)					
PHILIPPINES	**1.10**	**1.09**	**1.10**	**1.09**	**1.11**
CAR	0.53	0.51	0.49	0.48	0.48
Ilocos Region	1.55	1.55	1.54	1.55	1.52
Cagayan Valley	1.20	1.21	1.20	1.07	1.16
Central Luzon	1.30	1.31	1.25	1.23	1.37
CALABARZON	0.78	0.77	0.75	0.75	0.81
MIMAROPA	0.80	0.96	1.02	1.04	1.06
Bicol Region	0.69	0.69	0.69	0.70	0.70
Western Visayas	0.65	0.68	0.67	0.62	0.62
Central Visayas	0.76	0.72	0.76	0.74	0.72
Eastern Visayas	0.60	0.63	0.65	0.65	0.66
Zamboanga Peninsula	0.54	0.52	0.52	0.55	0.55
Northern Mindanao	1.47	1.45	1.49	1.51	1.49
Davao Region	0.84	0.85	0.84	0.89	1.11
SOCCSKSARGEN	1.23	1.20	1.26	1.23	1.24
Caraga	0.69	0.65	1.07	1.18	0.88
ARMM	0.63	0.64	0.62	0.62	0.63

HIGHLIGHTS

TOMATO

Tomato production moved upward from188.76 thousand mt in 2007 to 204.27 thousand mt in 2010by an average annual growth rate of 2.67 percent, but it slid to 203.58 thousand mt in 2011 or by 0.34 percent. Area showed the same increasing trend from 2007 to 2010 at an average annual growth rate of 0.23 percent. In 2011, area harvested was 17.55 thousand hectares or 0.65 percent lower than its 2010 level (Figure 9). Average yield per hectare recorded an annual growth rate of 1.91 percent from 10.76 mt in 2007 to 11.6 mt in 2011 (Table 5.9).





Ilocos was the consistent top producer with 68.58 thousand mt of production in 2011 or 33.69 percent of the country's total tomato production (Figure 9a). The other top producing regions and their shares to total production were Northern Mindanao, 25.00 percent; Central Luzon, 10.55 percent; and CALABARZON, 8.99 percent.

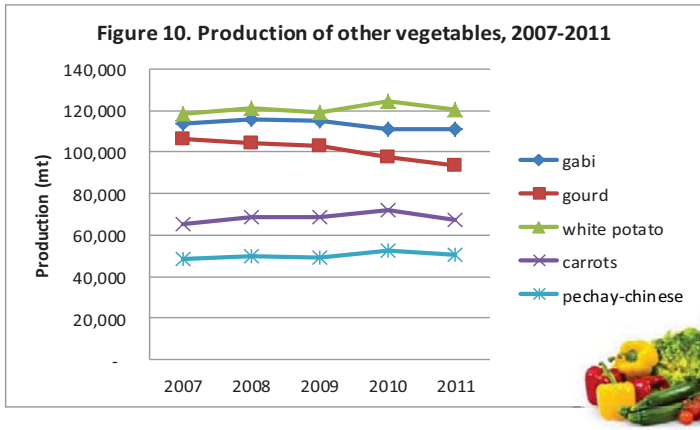
Table 5.9 TOMATO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**188,761**	**195,810**	**198,948**	**204,272**	**203,582**
CAR	4,043	3,974	3,810	3,904	3,856
Ilocos Region	60,827	61,747	65,605	69,616	68,579
Cagayan Valley	13,508	12,356	11,525	10,605	10,318
Central Luzon	21,333	20,816	21,091	21,492	21,488
CALABARZON	15,917	16,145	14,390	17,496	18,295
MIMAROPA	978	1,013	1,081	1,132	1,232
Bicol Region	3,656	3,506	3,543	3,562	3,432
Western Visayas	10,669	9,710	9,595	9,551	8,892
Central Visayas	3,457	3,367	3,625	3,833	3,878
Eastern Visayas	754	747	742	722	696
Zamboanga Peninsula	1,751	1,795	1,796	1,763	1,768
Northern Mindanao	41,698	50,451	52,056	50,485	51,109
Davao Region	4,378	4,393	4,273	4,338	4,296
SOCCSKSARGEN	5,039	5,019	5,105	5,053	5,162
Caraga	327	341	303	314	177
ARMM	425	430	409	405	404
Area (ha)					
PHILIPPINES	**17,544**	**17,646**	**17,656**	**17,663**	**17,548**
CAR	388	379	366	357	360
Ilocos Region	3,866	3,793	3,775	3,773	3,730
Cagayan Valley	916	901	877	893	883
Central Luzon	3,523	3,342	3,371	3,379	3,374
CALABARZON	1,327	1,340	1,325	1,354	1,406
MIMAROPA	222	231	243	266	280
Bicol Region	599	578	577	581	564
Western Visayas	857	816	821	823	785
Central Visayas	1,346	1,364	1,347	1,400	1,326
Eastern Visayas	104	105	108	105	106
Zamboanga Peninsula	483	501	506	511	516
Northern Mindanao	2,386	2,763	2,807	2,697	2,748
Davao Region	641	649	652	653	637
SOCCSKSARGEN	676	677	679	664	666
Caraga	78	78	75	75	47
ARMM	133	128	128	131	121
Yield Per Hectare (mt)					
PHILIPPINES	**10.76**	**11.10**	**11.27**	**11.57**	**11.60**
CAR	10.42	10.49	10.41	10.94	10.72
Ilocos Region	15.73	16.28	17.38	18.45	18.39
Cagayan Valley	14.75	13.71	13.15	11.87	11.69
Central Luzon	6.06	6.23	6.26	6.36	6.37
CALABARZON	11.99	12.05	10.86	12.92	13.01
MIMAROPA	4.41	4.38	4.45	4.26	4.40
Bicol Region	6.11	6.07	6.14	6.13	6.09
Western Visayas	12.45	11.91	11.69	11.61	11.32
Central Visayas	2.57	2.47	2.69	2.74	2.92
Eastern Visayas	7.27	7.11	6.89	6.85	6.59
Zamboanga Peninsula	3.63	3.58	3.55	3.45	3.43
Northern Mindanao	17.48	18.26	18.55	18.72	18.60
Davao Region	6.83	6.77	6.55	6.64	6.75
SOCCSKSARGEN	7.45	7.41	7.52	7.61	7.75
Caraga	4.19	4.37	4.06	4.21	3.78
ARMM	3.20	3.35	3.19	3.09	3.34

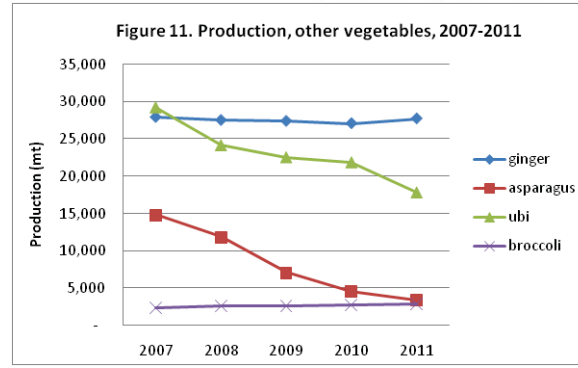
HIGHLIGHTS

OTHER VEGETABLES

Figures 10, 11 and 12 show the trends of production of other vegetables. Production of asparagus, gourd and ubi continuously decreased from 2007 to 2011 at an average rate of 30.16 percent, 3.07 percent and 11.38 percent respectively. Only broccoli production managed to increase continuously at an annual average growth rate of 5.06 percent. From 2.37 thousand mt in 2007 output went up to 2.88 thousand mt in 2011. Production of the rest of the other vegetables production show fluctuating trends from 2007 to 2011.



Production of carrots in 2011 was 67.16 thousand mt, it decreased by 6.86 percent from the previous year's total. Carrot production, on the average, increased by 0.94 percent from 2007 to 2011. Likewise, Chinese pechay and white potato followed the production trend of carrots.



Production of other vegetables such as gabi, habitchuelas, and native pechay increased in 2008 but continuously decreased from 2009 to 2011. On the other hand, production of lettuce and okra increased from 2008 to 2010 but both dropped in 2011.

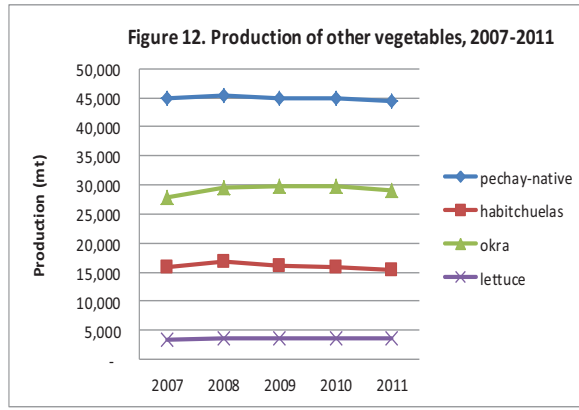


Table 5.10 ASPARAGUS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**14,845**	**11,891**	**7,121**	**4,637**	**3,443**
CAR	2	1			
Ilocos Region					
Cagayan Valley					
Central Luzon			0.48	1	2
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	2	2	2	2	2
Central Visayas	2	5	4	4	4
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	584	18	15	8	3
Davao Region					
SOCCSKSARGEN	14,256	11,865	7,100	4,623	3,433
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**970**	**706**	**536**	**368**	**349**
CAR	1	1			
Ilocos Region					
Cagayan Valley					
Central Luzon			1.50	2	2
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	0.30	0.25	0.27	0.26	0.30
Central Visayas	3	5	5	4	5
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	211	5	5	4	2
Davao Region					
SOCCSKSARGEN	755	695	525	358	340
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**15.30**	**16.85**	**13.28**	**12.58**	**9.86**
CAR	1.65	1.70			
Ilocos Region					
Cagayan Valley					
Central Luzon			0.32	0.54	0.77
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	5.77	6.52	5.85	6.15	6.67
Central Visayas	0.53	0.99	0.90	0.86	0.85
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	2.77	3.60	3.06	1.88	1.50
Davao Region					
SOCCSKSARGEN	18.88	17.07	13.52	12.91	10.10
Caraga					
ARMM					

Table 5.11 BROCOLLI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007		2008		2009	2010	2011
Production (mt)							
PHILIPPINES	**2,370**		**2,603**		**2,685**	**2,699**	**2,881**
CAR	1,786		1,852		1,858	1,847	1,864
Ilocos Region							
Cagayan Valley							16
Central Luzon							
CALABARZON	3		4		8	4	1
MIMAROPA							
Bicol Region							
Western Visayas	3		3		3	3	7
Central Visayas	31		96		126	161	204
Eastern Visayas							
Zamboanga Peninsula							
Northern Mindanao	546		640		680	675	780
Davao Region			6		8	8	8
SOCCSKSARGEN	2		2		2	1	1
Caraga							
ARMM							
Area (ha)							
PHILIPPINES	**240**	**R/**	**259**		**269**	**267**	**293**
CAR	161		158	R/	159	158	163
Ilocos Region							
Cagayan Valley							5
Central Luzon							
CALABARZON	0.40		1		1	1	0.30
MIMAROPA							
Bicol Region							
Western Visayas	0.43		0.42		0.39	0.43	1
Central Visayas	4		9	R/	13	15	16
Eastern Visayas							
Zamboanga Peninsula							
Northern Mindanao	72	R/	86		92	89	105
Davao Region			2		2	2	2
SOCCSKSARGEN	2		3		3	2	2
Caraga							
ARMM							
Yield Per Hectare (mt)							
PHILIPPINES	**9.88**	**R/**	**10.05**		**9.97**	**10.13**	**9.83**
CAR	11.09		11.72	R/	11.69	11.69	11.44
Ilocos Region							
Cagayan Valley							3.48
Central Luzon							
CALABARZON	6.25		7.74		8.00	4.25	3.33
MIMAROPA							
Bicol Region							
Western Visayas	6.93		6.90		6.54	6.65	6.61
Central Visayas	7.66		10.40	R/	10.06	11.09	13.12
Eastern Visayas							
Zamboanga Peninsula							
Northern Mindanao	7.59	R/	7.45		7.39	7.58	7.43
Davao Region			3.03		4.07	4.08	3.94
SOCCSKSARGEN	0.87		0.66		0.82	0.84	0.84
Caraga							
ARMM							

R/ - Revised

Table 5.12 CARROTS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**65,024**	**68,366**	**68,328**	**72,109**	**67,162**
CAR	57,491	60,303	59,024	63,353	58,766
Ilocos Region	2	2	2	1	1
Cagayan Valley	831	802	818	758	713
Central Luzon	4	4	4	4	4
CALABARZON	17	18	20	22	46
MIMAROPA					
Bicol Region			21	19	20
Western Visayas	129	129	128	154	149
Central Visayas	3,706	3,885	4,934	4,516	4,165
Eastern Visayas	12	13	13	13	12
Zamboanga Peninsula	129	133	137	139	134
Northern Mindanao	828	1,201	1,347	1,284	1,261
Davao Region	1,440	1,400	1,426	1,406	1,419
SOCCSKSARGEN	427	466	447	440	466
Caraga	10	10	7	0.25	4.90
ARMM					
Area (ha)					
PHILIPPINES	**4,898**	**5,075**	**5,080**	**5,115**	**4,946**
CAR	3,269	3,382	3,373	3,453	3,359
Ilocos Region	1	1	1	1	1
Cagayan Valley	123	119	116	110	103
Central Luzon	2	2	2	2	2
CALABARZON	3	3	4	4	8
MIMAROPA					
Bicol Region			4	4	5
Western Visayas	20	21	21	24	24
Central Visayas	770	815	832	788	699
Eastern Visayas	3	4	4	4	4
Zamboanga Peninsula	78	87	89	90	94
Northern Mindanao	117	131	141	140	137
Davao Region	376	369	350	351	362
SOCCSKSARGEN	134	140	143	143	147
Caraga	2	2	2	1	2.00
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**13.28**	**13.47**	**13.45**	**14.10**	**13.58**
CAR	17.59	17.83	17.50	18.35	17.50
Ilocos Region	2.99	3.07	2.67	2.33	2.60
Cagayan Valley	6.76	6.74	7.05	6.89	6.92
Central Luzon	2.04	2.08	1.98	1.88	1.92
CALABARZON	5.67	6.14	5.62	5.03	5.80
MIMAROPA					
Bicol Region			5.25	4.75	4.00
Western Visayas	6.43	6.09	6.09	6.41	6.17
Central Visayas	4.81	4.77	5.93	5.73	5.96
Eastern Visayas	3.55	3.64	3.14	3.20	3.15
Zamboanga Peninsula	1.65	1.54	1.55	1.54	1.43
Northern Mindanao	7.07	9.15	9.58	9.17	9.24
Davao Region	3.83	3.79	4.07	4.01	3.92
SOCCSKSARGEN	3.19	3.33	3.12	3.08	3.17
Caraga	4.75	4.53	4.37	0.18	2.45
ARMM					

Table 5.13 CAULIFLOWER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007		2008	2009	2010	2011
Production (mt)						
PHILIPPINES	**10,148**		**10,758**	**10,559**	**11,102**	**11,583**
CAR	4,811		4,972	4,957	5,210	5,290
Ilocos Region	4,363		4,605	4,152	4,574	4,682
Cagayan Valley	93		67	103	87	308
Central Luzon	45		32	29	28	27
CALABARZON			1	6	4	3
MIMAROPA						
Bicol Region						
Western Visayas	6		6	5	6	47
Central Visayas	74		77	86	76	84
Eastern Visayas						
Zamboanga Peninsula	2		3	3	3	4
Northern Mindanao	442		691	927	834	902
Davao Region	173		162	157	153	105
SOCCSKSARGEN	129		143	134	128	131
Caraga						
ARMM	8					
Area (ha)						
PHILIPPINES	**974**	**R/**	**1,004**	**997**	**987**	**1,067**
CAR	345		345	344	340	341
Ilocos Region	443		443	409	421	422
Cagayan Valley	23		23	34	30	100
Central Luzon	7		6	5	5	5
CALABARZON			0.30	1	1	1
MIMAROPA						
Bicol Region						
Western Visayas	1		1	1	1	6
Central Visayas	27		27	27	22	23
Eastern Visayas						
Zamboanga Peninsula	2		2	2	2	3
Northern Mindanao	62	R/	91	109	104	112
Davao Region	35		34	33	33	26
SOCCSKSARGEN	28		32	33	29	28
Caraga						
ARMM	2					
Yield Per Hectare (mt)						
PHILIPPINES	**10.42**	**R/**	**10.72**	**10.59**	**11.25**	**10.85**
CAR	13.95		14.41	14.41	15.32	15.54
Ilocos Region	9.86		10.40	10.16	10.88	11.08
Cagayan Valley	4.03		2.92	3.03	2.90	3.08
Central Luzon	6.43		5.33	5.76	5.52	5.46
CALABARZON			2.77	6.00	3.80	2.70
MIMAROPA						
Bicol Region						
Western Visayas	6.83		7.01	6.44	6.54	7.21
Central Visayas	2.76		2.86	3.18	3.44	3.62
Eastern Visayas						
Zamboanga Peninsula	1.20		1.27	1.43	1.52	1.56
Northern Mindanao	7.13	R/	7.59	8.50	8.06	8.05
Davao Region	4.96		4.76	4.76	4.63	4.04
SOCCSKSARGEN	4.69		4.51	4.05	4.45	4.69
Caraga						
ARMM	4.00					

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Table 5.14 GABI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**113,954**	**115,956**	**115,218**	**110,761**	**110,719**
CAR	5,115	5,148	5,182	4,723	4,734
Ilocos Region	3,500	3,569	3,344	3,234	3,202
Cagayan Valley	15,472	15,165	14,881	13,436	14,510
Central Luzon	6,592	6,778	6,766	6,766	6,797
CALABARZON	6,666	6,463	6,177	6,115	6,173
MIMAROPA	3,018	3,083	3,190	3,258	3,360
Bicol Region	13,717	14,158	13,807	13,482	12,991
Western Visayas	4,789	4,890	4,935	4,816	4,911
Central Visayas	9,562	9,837	9,604	7,278	7,356
Eastern Visayas	18,596	20,253	20,815	20,945	21,306
Zamboanga Peninsula	1,532	1,518	1,488	1,408	1,360
Northern Mindanao	2,549	2,639	2,618	2,710	2,879
Davao Region	2,909	2,913	2,937	3,048	3,216
SOCCSKSARGEN	4,022	4,060	4,230	4,415	4,567
Caraga	14,909	14,460	14,230	14,134	12,385
ARMM	1,006	1,021	1,014	993	972
Area (ha)					
PHILIPPINES	**18,215**	**18,168**	**17,882**	**16,998**	**16,827**
CAR	449	446	449	421	420
Ilocos Region	473	483	506	495	494
Cagayan Valley	1,788	1,749	1,715	1,644	1,691
Central Luzon	930	963	968	963	970
CALABARZON	1,042	1,022	1,009	989	985
MIMAROPA	659	669	681	685	704
Bicol Region	1,620	1,622	1,571	1,547	1,504
Western Visayas	658	663	668	659	661
Central Visayas	2,271	2,209	1,964	1,482	1,408
Eastern Visayas	4,589	4,635	4,686	4,707	4,714
Zamboanga Peninsula	347	338	319	308	302
Northern Mindanao	270	275	278	280	291
Davao Region	352	341	343	345	397
SOCCSKSARGEN	279	283	287	289	291
Caraga	2,335	2,315	2,286	2,041	1,856
ARMM	153	154	151	143	137
Yield Per Hectare (mt)					
PHILIPPINES	**6.26**	**6.38**	**6.44**	**6.52**	**6.58**
CAR	11.39	11.54	11.54	11.22	11.28
Ilocos Region	7.39	7.39	6.61	6.54	6.48
Cagayan Valley	8.65	8.67	8.68	8.17	8.58
Central Luzon	7.09	7.04	6.99	7.03	7.01
CALABARZON	6.40	6.32	6.12	6.18	6.27
MIMAROPA	4.58	4.61	4.68	4.75	4.77
Bicol Region	8.47	8.73	8.79	8.71	8.64
Western Visayas	7.28	7.38	7.39	7.31	7.42
Central Visayas	4.21	4.45	4.89	4.91	5.22
Eastern Visayas	4.05	4.37	4.44	4.45	4.52
Zamboanga Peninsula	4.42	4.49	4.66	4.57	4.51
Northern Mindanao	9.44	9.60	9.42	9.70	9.89
Davao Region	8.26	8.54	8.56	8.84	8.10
SOCCSKSARGEN	14.44	14.35	14.76	15.26	15.68
Caraga	6.39	6.25	6.22	6.93	6.67
ARMM	6.57	6.64	6.70	6.93	7.09

Table 5.15 GINGER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009		2010	2011
Production (mt)						
PHILIPPINES	**27,946**	**27,538**	**27,415**		**27,097**	**27,755**
CAR	1,078	1,053	1,040		996	960
Ilocos Region	712	751	787		789	844
Cagayan Valley	6,160	5,574	5,462		5,244	5,162
Central Luzon	1,140	1,173	1,140		1,149	1,160
CALABARZON	4,921	4,707	4,463		4,386	4,521
MIMAROPA	297	313	324		362	441
Bicol Region	247	295	292		294	293
Western Visayas	1,526	1,398	1,418		1,313	1,377
Central Visayas	1,696	1,722	1,675		1,686	1,800
Eastern Visayas	2,110	2,132	2,153		2,132	2,175
Zamboanga Peninsula	563	576	568		565	579
Northern Mindanao	4,238	4,678	4,864		5,022	5,360
Davao Region	1,092	1,060	1,094		1,138	1,162
SOCCSKSARGEN	772	770	883		843	817
Caraga	506	477	373		307	230
ARMM	888	860	879		872	875
Area (ha)						
PHILIPPINES	**3,974**	**3,926**	**3,948**		**3,967**	**4,037**
CAR	157	154	155		151	145
Ilocos Region	108	116	122		123	130
Cagayan Valley	873	811	812		797	776
Central Luzon	176	178	171		174	176
CALABARZON	420	406	409		411	428
MIMAROPA	95	104	103		107	126
Bicol Region	71	70	71		73	73
Western Visayas	225	216	220		211	219
Central Visayas	328	326	331		335	342
Eastern Visayas	266	272	271		275	279
Zamboanga Peninsula	106	112	114	R/	115	123
Northern Mindanao	634	661	668		671	692
Davao Region	235	227	253		260	265
SOCCSKSARGEN	101	98	103		100	106
Caraga	62	58	49		44	35
ARMM	118	118	97	R/	121	123
Yield Per Hectare (mt)						
PHILIPPINES	**7.03**	**7.01**	**6.94**		**6.83**	**6.88**
CAR	6.86	6.84	6.73		6.62	6.63
Ilocos Region	6.59	6.49	6.48		6.41	6.49
Cagayan Valley	7.06	6.87	6.73		6.58	6.65
Central Luzon	6.48	6.59	6.67		6.60	6.61
CALABARZON	11.72	11.59	10.91		10.67	10.56
MIMAROPA	3.12	3.02	3.15		3.39	3.51
Bicol Region	3.50	4.21	4.11		4.05	4.01
Western Visayas	6.80	6.46	6.46		6.22	6.30
Central Visayas	5.17	5.28	5.06		5.03	5.26
Eastern Visayas	7.92	7.84	7.93		7.77	7.79
Zamboanga Peninsula	5.30	5.14	4.97	R/	4.91	4.73
Northern Mindanao	6.69	7.08	7.28		7.48	7.74
Davao Region	4.65	4.68	4.32		4.38	4.39
SOCCSKSARGEN	7.64	7.89	8.60		8.41	7.70
Caraga	8.16	8.17	7.56		6.98	6.60
ARMM	7.51	7.30	9.05	R/	7.22	7.11

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Table 5.16 GOURD: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**106,291**	**104,029**	**102,787**	**97,586**	**93,780**
CAR	1,282	1,288	1,289	1,307	1,308
Ilocos Region	11,521	10,754	10,313	10,509	10,252
Cagayan Valley	13,961	14,949	14,460	12,906	12,748
Central Luzon	9,805	9,726	9,715	9,636	9,661
CALABARZON	30,843	29,851	30,868	30,581	29,943
MIMAROPA	432	447	464	487	506
Bicol Region	3,670	3,514	3,309	3,326	3,223
Western Visayas	2,448	2,366	2,481	2,467	2,533
Central Visayas	7,722	7,416	7,848	5,682	4,494
Eastern Visayas	3,691	3,664	3,710	3,685	3,730
Zamboanga Peninsula	10,127	8,972	8,181	6,778	5,833
Northern Mindanao	3,502	3,718	3,406	3,467	3,482
Davao Region	3,098	3,088	3,107	3,150	3,114
SOCCSKSARGEN	1,501	1,500	1,517	1,444	1,428
Caraga	1,847	1,922	1,276	1,323	716
ARMM	840	854	840	837	810
Area (ha)					
PHILIPPINES	**8,382**	**8,305**	**8,152**	**7,847**	**7,773**
CAR	176	176	175	177	177
Ilocos Region	714	686	681	682	682
Cagayan Valley	983	1,012	1,002	856	839
Central Luzon	638	638	640	636	636
CALABARZON	2,821	2,760	2,727	2,649	2,702
MIMAROPA	66	74	81	83	89
Bicol Region	267	263	256	257	255
Western Visayas	227	220	224	223	225
Central Visayas	543	558	550	537	505
Eastern Visayas	303	304	307	309	308
Zamboanga Peninsula	641	594	535	446	389
Northern Mindanao	393	398	355	356	354
Davao Region	333	336	339	344	346
SOCCSKSARGEN	125	126	128	120	117
Caraga	93	98	91	112	85
ARMM	61	63	62	62	64
Yield Per Hectare (mt)					
PHILIPPINES	**12.68**	**12.53**	**12.61**	**12.44**	**12.07**
CAR	7.28	7.32	7.37	7.41	7.41
Ilocos Region	16.14	15.68	15.15	15.42	15.02
Cagayan Valley	14.20	14.77	14.43	15.08	15.19
Central Luzon	15.37	15.24	15.18	15.15	15.20
CALABARZON	10.93	10.82	11.32	11.55	11.08
MIMAROPA	6.57	6.07	5.72	5.84	5.71
Bicol Region	13.74	13.36	12.93	12.97	12.65
Western Visayas	10.79	10.78	11.07	11.07	11.24
Central Visayas	14.22	13.29	14.27	10.58	8.90
Eastern Visayas	12.19	12.06	12.08	11.94	12.09
Zamboanga Peninsula	15.80	15.10	15.29	15.20	14.99
Northern Mindanao	8.92	9.35	9.60	9.73	9.84
Davao Region	9.30	9.19	9.17	9.16	9.00
SOCCSKSARGEN	12.06	11.91	11.89	12.02	12.20
Caraga	19.86	19.59	14.02	11.81	8.47
ARMM	13.85	13.59	13.63	13.61	12.63

Table 5.17 HABITCHUELAS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009		2010	2011
Production (mt)						
PHILIPPINES	**15,922**	**16,897**	**16,187**		**15,820**	**15,426**
CAR	8,321	8,374	8,119		8,196	7,961
Ilocos Region	342	350	339		322	321
Cagayan Valley	4,233	4,965	4,421		3,904	3,434
Central Luzon	46	47	48		47	47
CALABARZON	149	150	135		135	164
MIMAROPA	0.12	0.12				
Bicol Region	786	800	806		813	816
Western Visayas	132	129	126		133	135
Central Visayas	450	565	646		768	1,004
Eastern Visayas	508	501	496		481	487
Zamboanga Peninsula	57	58	60		60	64
Northern Mindanao	462	522	579		560	596
Davao Region	146	146	143		148	137
SOCCSKSARGEN	255	255	240		214	225
Caraga	28	27	24		33	30
ARMM	8	7	6		6	5
Area (ha)						
PHILIPPINES	**3,623**	**3,723**	**3,662**		**3,770**	**3,621**
CAR	1,262	1,287	1,267		1,289	1,292
Ilocos Region	184	186	186		180	173
Cagayan Valley	811	830	767		840	697
Central Luzon	29	30	30		30	29
CALABARZON	77	74	71	R/	67	69
MIMAROPA						
Bicol Region	219	218	220		222	221
Western Visayas	31	30	30		31	32
Central Visayas	483	530	551	R/	568	575
Eastern Visayas	166	167	160		160	160
Zamboanga Peninsula	71	72	75		76	74
Northern Mindanao	84	93	97		92	94
Davao Region	129	129	133		131	131
SOCCSKSARGEN	50	53	53		58	60
Caraga	23	20	18		22	10
ARMM	4	3	3		4	4
Yield Per Hectare (mt)						
PHILIPPINES	**4.39**	**4.54**	**4.42**		**4.20**	**4.26**
CAR	6.59	6.51	6.41		6.36	6.16
Ilocos Region	1.87	1.89	1.82		1.79	1.86
Cagayan Valley	5.22	5.98	5.76		4.65	4.93
Central Luzon	1.58	1.57	1.59		1.58	1.61
CALABARZON	1.93	2.04	1.91	R/	2.02	2.40
MIMAROPA						
Bicol Region	3.59	3.66	3.66		3.66	3.69
Western Visayas	4.24	4.29	4.18		4.29	4.20
Central Visayas	0.93	1.07	1.17		1.35	1.74
Eastern Visayas	3.07	3.00	3.10		3.01	3.05
Zamboanga Peninsula	0.80	0.81	0.79		0.79	0.86
Northern Mindanao	5.47	5.59	5.99		6.12	6.37
Davao Region	1.13	1.13	1.07		1.13	1.05
SOCCSKSARGEN	5.10	4.81	4.54		3.68	3.77
Caraga	1.21	1.33	1.32		1.48	2.97
ARMM	1.98	2.48	2.10		1.50	1.31

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Table 5.18 LETTUCE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**3,335**	**3,566**	**3,577**	**3,634**	**3,519**
CAR	1,388	1,404	1,395	1,486	1,233
Ilocos Region					
Cagayan Valley					0.10
Central Luzon					
CALABARZON	127	131	118	110	109
MIMAROPA					
Bicol Region					
Western Visayas	18	19	19	18	28
Central Visayas	102	157	173	201	267
Eastern Visayas	1	1	1	1	1
Zamboanga Peninsula	17	17	19	18	20
Northern Mindanao	1,625	1,783	1,795	1,757	1,816
Davao Region	5	5	5	5	5
SOCCSKSARGEN	52	49	52	37	40
Caraga				1	0.30
ARMM					
Area (ha)					
PHILIPPINES	**405**	**440**	**451**	**466**	**482**
CAR	153	151	149	160	159
Ilocos Region					
Cagayan Valley					0.33
Central Luzon					
CALABARZON	12	13	12	13	13
MIMAROPA					
Bicol Region					
Western Visayas	3	4	3	4	6
Central Visayas	58	78	85	96	106
Eastern Visayas	0.42	2	3	4	4
Zamboanga Peninsula	4	4	4	4	5
Northern Mindanao	150	166	172	164	168
Davao Region	4	4	4	4	4
SOCCSKSARGEN	20	18	18	17	18
Caraga				0.33	0.15
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**8.24**	**8.10**	**7.93**	**7.80**	**7.29**
CAR	9.07	9.30	9.36	9.29	7.76
Ilocos Region					
Cagayan Valley					0.30
Central Luzon					
CALABARZON	10.61	9.86	9.61	8.17	8.23
MIMAROPA					
Bicol Region					
Western Visayas	5.46	5.34	5.91	5.04	5.05
Central Visayas	1.78	2.01	2.04	2.10	2.52
Eastern Visayas	1.43	0.24	0.27	0.19	0.19
Zamboanga Peninsula	4.33	4.30	4.51	4.46	4.52
Northern Mindanao	10.83	10.77	10.44	10.71	10.83
Davao Region	1.12	1.13	1.14	1.13	1.12
SOCCSKSARGEN	2.58	2.74	2.84	2.20	2.17
Caraga				2.17	2.00
ARMM					

Table 5.19 OKRA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**27,886**	**29,485**	**29,710**	**29,716**	**29,129**
CAR	31	31	32	34	34
Ilocos Region	1,570	1,604	1,566	1,577	1,628
Cagayan Valley	5,820	5,850	5,696	5,214	5,466
Central Luzon	10,171	10,759	10,790	10,851	10,855
CALABARZON	1,366	1,390	1,380	1,640	1,720
MIMAROPA	127	147	162	182	197
Bicol Region	1,639	1,721	1,777	1,778	1,776
Western Visayas	1,323	1,396	1,451	1,455	1,562
Central Visayas	1,386	1,950	2,119	2,194	1,402
Eastern Visayas	916	923	941	942	954
Zamboanga Peninsula	346	366	379	385	411
Northern Mindanao	1,397	1,464	1,505	1,532	1,633
Davao Region	478	502	519	535	539
SOCCSKSARGEN	460	507	522	506	516
Caraga	821	842	837	860	403
ARMM	34	33	34	33	34
Area (ha)					
PHILIPPINES	**3,287**	**3,488**	**3,555**	**3,570**	**3,497**
CAR	15	15	16	16	16
Ilocos Region	161	164	163	169	174
Cagayan Valley	673	694	691	630	657
Central Luzon	661	719	733	743	719
CALABARZON	144	145	138	159	169
MIMAROPA	78	87	91	99	104
Bicol Region	167	175	175	176	172
Western Visayas	214	227	229	231	245
Central Visayas	195	249	282	290	209
Eastern Visayas	145	148	153	154	155
Zamboanga Peninsula	115	126	133	139	146
Northern Mindanao	299	310	299	308	309
Davao Region	168	165	184	190	183
SOCCSKSARGEN	98	106	109	108	111
Caraga	137	141	142	139	106
ARMM	17	17	18	19	22
Yield Per Hectare (mt)					
PHILIPPINES	**8.48**	**8.45**	**8.36**	**8.32**	**8.33**
CAR	2.05	2.08	2.04	2.18	2.18
Ilocos Region	9.74	9.77	9.64	9.32	9.34
Cagayan Valley	8.65	8.43	8.24	8.28	8.32
Central Luzon	15.39	14.96	14.72	14.60	15.10
CALABARZON	9.48	9.59	10.00	10.31	10.16
MIMAROPA	1.63	1.70	1.78	1.83	1.90
Bicol Region	9.81	9.83	10.15	10.08	10.34
Western Visayas	6.20	6.15	6.33	6.28	6.37
Central Visayas	7.11	7.83	7.51	7.56	6.72
Eastern Visayas	6.31	6.22	6.17	6.13	6.15
Zamboanga Peninsula	3.00	2.91	2.85	2.78	2.81
Northern Mindanao	4.68	4.72	5.03	4.98	5.29
Davao Region	2.84	3.04	2.82	2.82	2.94
SOCCSKSARGEN	4.69	4.80	4.81	4.67	4.65
Caraga	6.00	5.99	5.90	6.18	3.80
ARMM	1.97	1.91	1.89	1.74	1.50

Table 5.20 PECHAY-CHINESE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009		2010	2011
Production (mt)						
PHILIPPINES	**48,233**	**50,099**	**49,451**		**52,222**	**50,581**
CAR	43,988	44,971	43,879		46,497	44,389
Ilocos Region	3	3	3		3	3
Cagayan Valley	163	177	162		146	178
Central Luzon						
CALABARZON	172	154	151		151	166
MIMAROPA						
Bicol Region						
Western Visayas						
Central Visayas	2,421	2,736	2,855		3,014	3,256
Eastern Visayas	2	2	3		2	2
Zamboanga Peninsula	85	80	80		77	79
Northern Mindanao	666	1,245	1,585		1,606	1,778
Davao Region	396	389	392		404	408
SOCCSKSARGEN	337	341	343		323	324
Caraga						
ARMM						
Area (ha)						
PHILIPPINES	**3,645**	**3,728**	**3,736**		**3,735**	**3,742**
CAR	2,850	2,878	2,827		2,819	2,791
Ilocos Region	0.47	1	0.46		0.43	0.40
Cagayan Valley	26	27	24		23	26
Central Luzon						
CALABARZON	33	33	36	R/	36	34
MIMAROPA						
Bicol Region						
Western Visayas						
Central Visayas	448	457	469		479	496
Eastern Visayas	2	2	2		2	2
Zamboanga Peninsula	11	11	10		9	10
Northern Mindanao	130	176	209	R/	208	228
Davao Region	80	83	95		99	97
SOCCSKSARGEN	64	61	62		60	59
Caraga						
ARMM						
Yield Per Hectare (mt)						
PHILIPPINES	**13.23**	**13.44**	**13.24**		**13.98**	**13.52**
CAR	15.43	15.63	15.52		16.49	15.90
Ilocos Region	6.29	5.45	6.10		5.92	7.50
Cagayan Valley	6.27	6.54	6.66		6.35	6.83
Central Luzon						
CALABARZON	5.20	4.68	4.19	R/	4.19	4.87
MIMAROPA						
Bicol Region						
Western Visayas						
Central Visayas	5.40	5.99	6.09		6.29	6.57
Eastern Visayas	1.06	1.08	1.20		1.16	0.86
Zamboanga Peninsula	7.89	7.55	7.77		8.72	7.81
Northern Mindanao	5.11	7.07	7.58	R/	7.72	7.80
Davao Region	4.95	4.69	4.12		4.08	4.23
SOCCSKSARGEN	5.26	5.59	5.51		5.41	5.51
Caraga						
ARMM						

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Table 5.21 PECHAY-NATIVE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**45,039**	**45,396**	**44,922**	**44,861**	**44,525**
CAR	4,346	4,358	4,329	4,133	4,102
Ilocos Region	2,233	2,173	2,075	2,146	2,230
Cagayan Valley	6,016	6,141	5,839	5,335	5,339
Central Luzon	2,554	2,724	2,720	2,813	2,774
CALABARZON	6,502	6,210	6,156	6,377	6,777
MIMAROPA	339	363	385	419	429
Bicol Region	13,759	13,819	13,753	13,957	13,442
Western Visayas	1,717	1,686	1,750	1,775	1,825
Central Visayas	1,341	1,516	1,528	1,507	1,199
Eastern Visayas	980	961	948	940	921
Zamboanga Peninsula	1,315	1,344	1,375	1,349	1,396
Northern Mindanao	1,054	1,116	1,167	1,225	1,265
Davao Region	1,212	1,211	1,218	1,275	1,274
SOCCSKSARGEN	541	555	571	559	545
Caraga	731	831	720	666	614
ARMM	399	389	388	384	393
Area (ha)					
PHILIPPINES	**7,090**	**7,185**	**7,194**	**7,097**	**7,079**
CAR	563	564	560	536	529
Ilocos Region	491	474	465	452	452
Cagayan Valley	948	975	917	858	857
Central Luzon	324	333	340	310	348
CALABARZON	749	746	748	766	780
MIMAROPA	160	175	181	190	192
Bicol Region	2,249	2,253	2,252	2,258	2,248
Western Visayas	253	248	254	256	264
Central Visayas	208	239	286	296	220
Eastern Visayas	168	171	167	167	166
Zamboanga Peninsula	253	255	259	254	262
Northern Mindanao	169	178	192	195	200
Davao Region	190	194	202	206	209
SOCCSKSARGEN	133	138	141	131	128
Caraga	134	148	135	128	125
ARMM	100	95	96	95	99
Yield Per Hectare (mt)					
PHILIPPINES	**6.35**	**6.32**	**6.24**	**6.32**	**6.29**
CAR	7.72	7.73	7.73	7.72	7.76
Ilocos Region	4.55	4.58	4.47	4.74	4.94
Cagayan Valley	6.35	6.30	6.37	6.22	6.23
Central Luzon	7.88	8.18	8.00	9.07	7.97
CALABARZON	8.68	8.32	8.23	8.33	8.69
MIMAROPA	2.13	2.08	2.13	2.21	2.23
Bicol Region	6.12	6.13	6.11	6.18	5.98
Western Visayas	6.80	6.81	6.89	6.93	6.91
Central Visayas	6.45	6.35	5.34	5.10	5.45
Eastern Visayas	5.82	5.62	5.67	5.63	5.56
Zamboanga Peninsula	5.20	5.27	5.31	5.31	5.33
Northern Mindanao	6.23	6.29	6.09	6.28	6.33
Davao Region	6.40	6.24	6.03	6.19	6.11
SOCCSKSARGEN	4.08	4.02	4.05	4.27	4.25
Caraga	5.46	5.61	5.33	5.23	4.90
ARMM	3.99	4.11	4.06	4.04	3.96

Table 5.22 UBI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009	2010	2011
Production (mt)					
PHILIPPINES	**29,265**	**24,185**	**22,567**	**21,892**	**17,844**
CAR	152	156	161	146	159
Ilocos Region	153	180	180	201	205
Cagayan Valley	2,357	2,282	2,131	1,757	1,694
Central Luzon	497	558	540	553	561
CALABARZON	463	466	518	626	648
MIMAROPA	246	356	417	424	458
Bicol Region	657	683	662	657	625
Western Visayas	566	636	658	651	670
Central Visayas	21,092	15,700	14,092	13,722	9,753
Eastern Visayas	798	840	845	841	845
Zamboanga Peninsula	260	252	258	250	253
Northern Mindanao	824	798	828	867	872
Davao Region	391	408	409	427	402
SOCCSKSARGEN	293	321	332	316	318
Caraga	275	259	217	145	71
ARMM	243	292	319	308	310
Area (ha)					
PHILIPPINES	**5,839**	**5,212**	**4,929**	**4,744**	**2,974**
CAR	25	25	27	28	29
Ilocos Region	17	19	19	20	19
Cagayan Valley	345	333	315	293	275
Central Luzon	95	98	90	90	94
CALABARZON	104	110	112	114	114
MIMAROPA	81	102	102	93	100
Bicol Region	96	104	98	97	94
Western Visayas	77	95	105	99	99
Central Visayas	4,277	3,588	3,312	3,178	1,449
Eastern Visayas	216	230	233	233	232
Zamboanga Peninsula	58	57	58	59	59
Northern Mindanao	205	198	198	189	184
Davao Region	68	73	80	83	76
SOCCSKSARGEN	67	74	77	74	74
Caraga	59	56	53	44	27
ARMM	51	51	53	52	51
Yield Per Hectare (mt)					
PHILIPPINES	**5.01**	**4.64**	**4.58**	**4.61**	**6.00**
CAR	6.08	6.22	6.07	5.23	5.57
Ilocos Region	9.12	9.52	9.28	10.29	11.06
Cagayan Valley	6.83	6.85	6.77	6.00	6.16
Central Luzon	5.24	5.69	6.00	6.14	6.00
CALABARZON	4.45	4.23	4.63	5.49	5.69
MIMAROPA	3.02	3.50	4.10	4.58	4.59
Bicol Region	6.84	6.57	6.79	6.81	6.68
Western Visayas	7.37	6.70	6.25	6.60	6.79
Central Visayas	4.93	4.38	4.25	4.32	6.73
Eastern Visayas	3.70	3.65	3.63	3.60	3.64
Zamboanga Peninsula	4.52	4.41	4.46	4.27	4.27
Northern Mindanao	4.02	4.04	4.19	4.59	4.74
Davao Region	5.77	5.60	5.14	5.14	5.33
SOCCSKSARGEN	4.40	4.33	4.31	4.27	4.28
Caraga	4.65	4.67	4.13	3.28	2.63
ARMM	4.76	5.72	6.02	5.92	6.07

Table 5.23 WHITE POTATO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2007-2011

Region	2007	2008	2009		2010	2011
Production (mt)						
PHILIPPINES	**118,497**	**121,311**	**119,159**		**124,671**	**120,574**
CAR	100,752	103,303	101,061		107,182	103,135
Ilocos Region						
Cagayan Valley	528	521	536		441	443
Central Luzon	3	3	3		3	3
CALABARZON						
MIMAROPA						
Bicol Region	0.14	0.13				
Western Visayas						
Central Visayas	58	57	52		56	58
Eastern Visayas						
Zamboanga Peninsula						
Northern Mindanao	6,778	6,945	7,025		6,870	6,745
Davao Region	9,811	9,841	9,859		9,558	9,601
SOCCSKSARGEN	566	641	624		562	589
Caraga						
ARMM						
Area (ha)						
PHILIPPINES	**7,939**	**7,994**	**7,904**		**8,129**	**8,171**
CAR	5,900	5,932	5,824	R/	6,069	6,116
Ilocos Region						
Cagayan Valley	78	76	79		70	69
Central Luzon	1	1	1		1	1
CALABARZON						
MIMAROPA						
Bicol Region	1	1		R/		
Western Visayas						
Central Visayas	22	20	19		21	21
Eastern Visayas						
Zamboanga Peninsula						
Northern Mindanao	556	562	573		568	560
Davao Region	1,310	1,322	1,329		1,329	1,330
SOCCSKSARGEN	71	79	79		72	74
Caraga						
ARMM						
Yield Per Hectare (mt)						
PHILIPPINES	**14.93**	**15.18**	**15.08**		**15.34**	**14.76**
CAR	17.08	17.41	17.35	R/	17.66	16.86
Ilocos Region						
Cagayan Valley	6.77	6.86	6.79		6.30	6.42
Central Luzon	2.57	2.61	2.65		2.64	2.62
CALABARZON						
MIMAROPA						
Bicol Region	0.14	0.13				
Western Visayas						
Central Visayas	2.65	2.77	2.69		2.69	2.74
Eastern Visayas						
Zamboanga Peninsula						
Northern Mindanao	12.19	12.36	12.26		12.10	12.04
Davao Region	7.49	7.44	7.42		7.19	7.22
SOCCSKSARGEN	7.95	8.09	7.92		7.79	7.91
Caraga						
ARMM						

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