ISSN-2012-0487

(National and Regional)

CROPS STATISTICS of the PHILIPPINES

(2010-2014)

OCTOBER 2015

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ISSN-2012-0487

FOREWORD

This is the 12th issue of Crops Statistics of the Philippines, an annual publication of the Philippine Statistics Authority (PSA). 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 2010 to 2014.

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 PSA. It serves as a ready reference for various stakeholders in the crops subsector of agriculture. The PSA 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.

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October 2015

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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 totalproduction by the area harvested*.

I. SUMMARY STATISTICS
NATIONAL

Table 1.0 ANNUAL PRODUCTION OF SELECTED CROPS, PHILIPPINES, 2010-2014

Crop	2010	2011	2012 R/	2013 R/	2014
		(IN METRIC TON)			
Cereals					
Palay	15,772,319	16,684,062	18,032,525	18,439,420	18,967,826
Irrigated	11,992,459	12,358,931	13,396,483	13,823,149	14,405,716
Rainfed	3,779,860	4,325,131	4,636,042	4,616,270	4,562,110
Corn	6,376,796	6,971,221	7,407,068	7,377,293	7,770,603
White	2,169,103	2,150,222	2,165,548	2,129,091	2,262,234
Yellow	4,207,693	4,820,999	5,241,520	5,248,203	5,508,369
Fruit Crops					
Banana	9,101,341	9,165,046	9,226,768	8,646,417	8,884,857
Cavendish	*4,600,617*	*4,685,997*	*4,694,655*	*4,230,089*	*4,448,460*
Lakatan	*921,602*	*926,719*	*942,938*	*930,032*	*954,856*
Saba	*2,632,692*	*2,616,842*	*2,645,893*	*2,557,109*	*2,567,495*
Calamansi	188,340	182,550	178,549	164,091	160,740
Durian	77,548	58,969	85,961	91,212	80,334
Lanzones	49,500	4,256	14,190	35,207	13,899
Mandarin	18,783	17,697	16,755	15,287	14,045
Mango	825,676	788,074	768,410	816,378	885,038
Carabao	*669,520*	*638,954*	*630,596*	*671,929*	*730,140*
Mangosteen	5,553	683	3,209	3,303	2,686
Orange	4,337	3,984	3,827	3,513	3,325
Papaya	165,981	157,907	164,913	166,336	172,628
Pineapple	2,169,233	2,246,806	2,397,745	2,458,528	2,507,098
Rambutan	12,743	6,271	7,189	7,440	6,479
Tamarind Fruit	9,032	8,122	7,921	7,782	7,558
Watermelon	110,238	101,524	105,095	130,005	131,530
Non-Food & Industrial Crops					
Abaca	66,512	68,613	68,510	64,952	68,053
Cacao	5,019	4,856	4,831	4,876	5,428
Cashew	134,681	133,388	132,541	146,289	170,853
Coconut	15,510,283	15,244,609	15,863,801	15,354,334	14,696,298
Coffee	94,536	88,526	88,943	78,634	75,454
Arabica	*19,421*	*19,002*	*18,783*	*18,594*	*18,028*
Excelsa	*6,354*	*5,916*	*5,737*	*4,917*	*4,725*
Liberica	*633*	*630*	*598*	*563*	*533*
Robusta	*67,933*	*62,978*	*63,825*	*54,560*	*52,168*
Cotton	35	51	77	55	11
Rubber	395,237	425,705	442,998	444,818	453,052
Sugarcane	17,929,269	28,376,518	26,395,915	24,584,841	25,029,880
Tobacco	40,530	44,944	48,075	53,753	61,418
Native	*10,765*	*11,546*	*10,525*	*10,805*	*10,169*
Virginia	*18,839*	*21,447*	*23,644*	*28,245*	*31,321*
Vegetables, Root Crops & Tubers					
Asparagus	4,637	3,443	4,106	3,213	2,939
Brocolli	2,699	2,881	2,994	3,026	3,064
Cabbage	128,964	125,309	126,381	127,463	127,986
Camote	541,265	516,338	516,907	528,250	519,855
Carrots	72,109	67,162	68,454	68,111	68,342
Cassava	2,101,454	2,209,684	2,223,182	2,361,561	2,540,254
Cauliflower	11,102	11,583	11,636	11,782	11,739
Eggplant	208,242	207,994	211,885	219,911	225,579
Gabi	110,761	110,719	111,561	112,262	110,365

Table 1.0 ANNUAL PRODUCTION OF SELECTED CROPS *...(Continued)*

Crop	2010	2011	2012 R/	2013 R/	2014
		(IN METRIC TON)			
Garlic	9,563	9,057	8,808	8,986	8,993
Ginger	27,097	27,755	27,677	28,216	27,197
Gourd	97,586	93,780	92,588	88,464	83,218
Habitchuelas	15,820	15,426	15,328	15,423	15,306
Lettuce	3,634	3,519	3,647	4,041	4,061
Mongo	27,055	32,960	32,366	32,422	32,144
Okra	29,716	29,129	29,774	30,122	30,274
Onion	135,377	128,387	124,890	134,239	203,651
Peanut	29,624	29,734	29,136	29,091	29,196
Pechay-Chinese	52,222	50,581	51,618	51,798	52,243
Pechay-Native	44,861	44,525	45,126	45,983	45,645
Tomato	204,272	203,582	203,593	207,668	214,573
Ubi	21,906	17,844	16,429	14,770	15,260
White Potato	124,671	120,574	119,570	117,722	119,140

R/ - Revised due to inclusion of Batanes data.

Table 2.0 ANNUAL AREA PLANTED/HARVESTED OF SELECTED CROPS, PHILIPPINES, 2010-2014

Crop	2010	2011	2012 R/	2013 R/	2014
		(IN HECTARE)			
Cereals					
Palay	4,354,161	4,536,642	4,690,061	4,746,091	4,739,672
Irrigated	3,008,325	3,072,637	3,163,185	3,236,337	3,253,080
Rainfed	1,345,836	1,464,005	1,526,876	1,509,754	1,486,592
Corn	2,499,040	2,544,612	2,593,924	2,563,718	2,611,432
White	1,338,943	1,283,701	1,311,619	1,278,635	1,290,213
Yellow	1,160,097	1,260,911	1,282,304	1,285,083	1,321,219
Fruit Crops					
Banana	449,443	450,125	454,262	446,017	442,751
Cavendish	*79,642*	*80,230*	*82,414*	*82,903*	*84,133*
Lakatan	*56,579*	*57,032*	*58,071*	*55,908*	*56,395*
Saba	*185,800*	*186,317*	*187,428*	*183,484*	*182,416*
Calamansi	20,987	21,141	20,843	20,262	20,065
Durian	18,838	19,001	19,392	16,366	16,542
Lanzones	20,505	20,586	20,663	19,940	19,936
Mandarin	9,289	9,107	9,113	9,009	8,982
Mango	189,437	187,073	188,718	187,939	188,092
Carabao	*147,026*	*145,518*	*146,873*	*146,457*	*146,915*
Mangosteen	2,287	2,313	2,409	2,464	2,523
Orange	1,630	1,556	1,524	1,465	1,447
Papaya	8,751	8,647	8,585	8,398	7,917
Pineapple	58,547	58,457	58,450	60,759	61,643
Rambutan	5,743	5,849	5,889	6,177	6,266
Tamarind Fruit	2,598	2,540	2,525	2,455	2,266
Watermelon	6,703	6,102	6,245	6,924	7,024
Non-Food & Industrial Crops					
Abaca	135,090	138,991	138,523	138,369	134,773
Cacao	9,462	9,582	9,339	9,432	12,035
Cashew	28,114	28,204	28,316	28,663	28,602
Coconut	3,575,944	3,561,981	3,574,614	3,551,299	3,502,011
Coffee	121,399	119,637	120,000	116,460	117,451
Arabica	*19,622*	*19,369*	*19,369*	*19,190*	*19,300*
Excelsa	*9,576*	*9,115*	*8,916*	*8,589*	*8,453*
Liberica	*1,410*	*1,378*	*1,360*	*1,308*	*1,281*
Robusta	90,320	89,774	90,355	87,374	88,417
Cotton	48	176	188	157	14
Rubber	138,710	161,565	176,244	185,476	217,687
Sugarcane	354,878	439,698	433,303	437,070	432,026
Tobacco	29,707	32,235	34,025	34,451	36,082
Native	*7,143*	*7,965*	*7,723*	*7,074*	*6,127*
Virginia	*17,392*	*18,731*	*19,508*	*20,539*	*21,133*
Vegetables, Root Crops & Tubers					
Asparagus	368	349	368	306	305
Brocolli	267	293	305	303	306
Cabbage	8,561	8,550	8,531	8,439	8,310
Camote	109,438	103,704	101,087	94,844	88,968
Carrots	5,115	4,947	4,923	4,820	4,760
Cassava	217,622	221,235	217,259	217,146	216,775
Cauliflower	987	1,067	1,081	1,105	1,095
Eggplant	21,423	21,377	21,485	21,239	21,159
Gabi	16,998	16,827	16,362	15,819	15,384

Table 2.0 ANNUAL AREA PLANTED/HARVESTED OF SELECTED CROPS *...(Continued)*

Crop	2010	2011	2012 R/	2013 R/	2014
		(IN HECTARE)			
Garlic	3,039	2,830	2,676	2,539	2,555
Ginger	3,967	4,037	4,012	3,940	3,502
Gourd	7,847	7,773	7,765	7,262	7,299
Habitchuelas	3,770	3,632	3,567	3,504	3,354
Lettuce	466	482	501	545	513
Mongo	40,080	45,283	44,351	43,589	42,978
Okra	3,570	3,497	3,570	3,587	3,648
Onion	15,169	14,641	15,012	15,437	15,843
Peanut	27,123	26,902	26,110	25,602	25,048
Pechay-Chinese	3,735	3,742	3,759	3,776	3,697
Pechay-Native	7,097	7,079	7,122	7,108	7,103
Tomato	17,663	17,556	17,345	17,231	16,742
Ubi	4,744	2,975	2,688	2,621	2,616
White Potato	8,129	8,171	8,096	7,890	7,868

R/ - Revised due to inclusion of Batanes data.

Table 3.0 ANNUAL YIELD PER HECTARE OF SELECTED CROPS, PHILIPPINES, 2010-2014

Crop	2010	2011	2012	2013	2014
		(IN METRIC TON)			
Cereals					
Palay	3.62	3.68	3.84	3.89	4.00
Irrigated	3.99	4.02	4.24	4.27	4.43
Rainfed	2.81	2.95	3.04	3.06	3.07
Corn	2.55	2.74	2.86	2.88	2.98
White	1.62	1.68	1.65	1.67	1.75
Yellow	3.63	3.82	4.09	4.08	4.17
Fruit Crops					
Banana	20.25	20.36	20.31	19.39	20.07
Cavendish	*57.77*	*58.41*	*56.96*	*51.02*	*52.87*
Lakatan	*16.29*	*16.25*	*16.24*	*16.63*	*16.93*
Saba	*14.17*	*14.05*	*14.12*	*13.94*	*14.07*
Calamansi	8.97	8.63	8.57	8.10	8.01
Durian	4.12	3.10	4.43	5.57	4.86
Lanzones	2.41	0.21	0.69	1.77	0.70
Mandarin	2.02	1.94	1.84	1.70	1.56
Mango	4.36	4.21	4.07	4.34	4.71
Carabao	*4.55*	*4.39*	*4.29*	*4.59*	*4.97*
Mangosteen	2.43	0.30	1.33	1.34	1.06
Orange	2.66	2.56	2.51	2.40	2.30
Papaya	18.97	18.26	19.21	19.81	21.81
Pineapple	37.05	38.44	41.02	40.46	40.67
Rambutan	2.22	1.07	1.22	1.20	1.03
Tamarind Fruit	3.48	3.20	3.14	3.17	3.34
Watermelon	16.45	16.64	16.83	18.78	18.73
Non-Food & Industrial Crops					
Abaca	0.49	0.49	0.49	0.47	0.50
Cacao	0.53	0.51	0.52	0.52	0.45
Cashew	4.79	4.73	4.68	5.10	5.97
Coconut	4.34	4.28	4.44	4.32	4.20
Coffee	0.78	0.74	0.74	0.68	0.64
Arabica	*0.99*	*0.98*	*0.97*	*0.97*	*0.93*
Excelsa	*0.66*	*0.65*	*0.64*	*0.57*	*0.56*
Liberica	*0.45*	*0.46*	*0.44*	*0.43*	*0.42*
Robusta	*0.75*	*0.70*	*0.71*	*0.62*	*0.59*
Cotton	0.73	0.29	0.41	0.35	0.79
Rubber	2.85	2.63	2.51	2.40	2.08
Sugarcane	50.52	64.54	60.92	56.25	57.94
Tobacco	1.36	1.39	1.41	1.56	1.70
Native	*1.51*	*1.45*	*1.36*	*1.53*	*1.66*
Virginia	*1.08*	*1.15*	*1.21*	*1.38*	*1.48*
Vegetables, Root Crops & Tubers					
Asparagus	12.58	9.86	11.15	10.49	9.63
Brocolli	10.13	9.83	9.81	9.97	10.01
Cabbage	15.06	14.66	14.81	15.10	15.40
Camote	4.95	4.98	5.11	5.57	5.84
Carrots	14.10	13.58	13.91	14.13	14.36
Cassava	9.66	9.99	10.23	10.88	11.72
Cauliflower	11.25	10.85	10.77	10.66	10.72
Eggplant	9.72	9.73	9.86	10.35	10.66
Gabi	6.52	6.58	6.82	7.10	7.17

Table 3.0 ANNUAL YIELD PER HECTARE OF SELECTED CROPS *...(Continued)*

Crop	2010	2011	2012	2013	2014
		(IN METRIC TON)			
Garlic	3.15	3.20	3.29	3.54	3.52
Ginger	6.83	6.88	6.90	7.16	7.77
Gourd	12.44	12.07	11.92	12.18	11.40
Habitchuelas	4.20	4.25	4.30	4.40	4.56
Lettuce	7.80	7.29	7.28	7.42	7.92
Mongo	0.68	0.73	0.73	0.74	0.75
Okra	8.32	8.33	8.34	8.40	8.30
Onion	8.92	8.77	8.32	8.70	12.85
Peanut	1.09	1.11	1.12	1.14	1.17
Pechay-Chinese	13.98	13.52	13.73	13.72	14.13
Pechay-Native	6.32	6.29	6.34	6.47	6.43
Tomato	11.57	11.60	11.74	12.05	12.82
Ubi	4.62	6.00	6.11	5.63	5.83
White Potato	15.34	14.76	14.77	14.92	15.14

Table 4.0: ANNUAL NUMBER OF BEARING TREES/HILLS/TAPPABLE TREE, BEARING TREES/HILLS/TAPPABLE TREE PER HECTARE AND YIELD PER BEARING TREES/HILL/TAPPABLE TREE, PHILIPPINES, 2010-2014

Crop	2010	2011	2012 R/	2013 R/	2014
BEARING TREES/HILLS/TAPPABLE TREES (no.)					
Banana	276,405,963	279,512,164	280,961,103	280,073,988	283,692,665
Cavendish	*112,902,991*	*114,192,836*	*114,764,159*	*115,825,919*	*118,782,649*
Lakatan	*31,804,423*	*32,216,833*	*32,448,020*	*32,233,123*	*32,542,347*
Saba	*78,584,660*	*79,570,508*	*80,028,012*	*79,242,502*	*80,852,346*
Cacao	3,908,457	3,863,221	3,826,701	3,588,134	3,699,114
Calamansi	9,163,050	9,402,373	9,256,118	8,925,945	8,744,131
Cashew	3,783,210	3,775,938	3,766,146	3,760,225	3,756,086
Coconut	341,020,368	339,795,215	344,437,571	338,400,148	330,518,369
Coffee	84,544,625	83,168,310	83,513,674	80,275,507	79,654,042
Arabica	*13,999,774*	*13,728,806*	*13,684,182*	*13,519,678*	*13,255,380*
Excelsa	*5,897,929*	*5,631,268*	*5,394,460*	*5,123,544*	*5,066,977*
Liberica	*933,034*	*911,290*	*902,697*	*866,241*	*853,418*
Robusta	*63,488,968*	*62,896,945*	*63,532,335*	*60,766,044*	*60,478,267*
Durian	774,772	724,450	1,198,341	1,217,555	1,230,336
Lanzones	2,131,196	2,135,939	2,152,195	2,100,654	2,147,530
Mandarin	1,161,392	1,141,417	1,129,747	1,126,937	1,076,437
Mango	8,526,816	8,606,709	8,800,420	8,798,779	9,188,864
Carabao	*6,228,015*	*6,333,898*	*6,531,308*	*6,499,493*	*6,884,636*
Mangosteen	209,740	210,895	214,179	221,944	224,807
Orange	199,128	189,096	185,447	179,227	173,259
Papaya	5,549,324	5,440,347	5,395,197	5,300,076	4,988,936
Rambutan	429,293	427,941	439,221	462,017	489,669
Rubber	39,369,228	42,063,221	43,550,204	47,377,468	52,457,749
Tamarind Fruit	145,344	142,590	142,716	141,193	136,417
BEARING TREES/HILLS/TAPPABALE TREES PER HECTARE					
Banana	615	621	619	628	641
Cavendish	*1,418*	*1,423*	*1,393*	*1,397*	*1,412*
Lakatan	*562*	*565*	*559*	*577*	*577*
Saba	*423*	*427*	*427*	*432*	*443*
Cacao	413	403	410	380	307
Calamansi	437	445	444	441	436
Cashew	135	134	133	131	131
Coconut	95	95	96	95	94
Coffee	696	695	696	689	678
Arabica	*713*	*709*	*706*	*705*	*687*
Excelsa	*616*	*618*	*605*	*597*	*599*
Liberica	*662*	*661*	*664*	*662*	*666*
Robusta	*703*	*701*	*703*	*695*	*684*
Durian	437	445	444	441	436
Lanzones	104	104	104	105	108
Mandarin	125	125	124	125	120
Mango	45	46	47	47	49
Carabao	*42*	*44*	*44*	*44*	*47*
Mangosteen	92	91	89	90	89
Orange	122	122	122	122	120
Papaya	634	629	628	631	630
Rambutan	75	73	75	75	78
Rubber	284	260	247	255	241
Tamarind Fruit	56	56	57	58	60

Table 4.0: ANNUAL NUMBER OF BEARING TREES/HILLS/TAPPABLE TREE *...(Continued)*

Crop	2010	2011	2012 R/	2013 R/	2014
YIELD PER BEARING TREES/HILLS/TAPPABLE TREES (kg)					
Banana	32.93	32.79	32.84	30.87	31.32
Cavendish	*40.75*	*41.04*	*40.91*	*36.52*	*37.45*
Lakatan	*28.98*	*28.77*	*29.06*	*28.85*	*29.34*
Saba	*33.50*	*32.89*	*33.06*	*32.27*	*31.76*
Cacao	1.28	1.26	1.26	1.36	1.47
Calamansi	20.55	19.42	19.29	18.38	18.38
Cashew	35.60	35.33	35.19	38.90	45.49
Coconut	45.48	44.86	46.06	45.37	44.46
Coffee	1.12	1.06	1.07	0.98	0.95
Arabica	*1.39*	*1.38*	*1.37*	*1.38*	*1.36*
Excelsa	*1.08*	*1.05*	*1.06*	*0.96*	*0.93*
Liberica	*0.68*	*0.69*	*0.66*	*0.65*	*0.62*
Robusta	*1.07*	*1.00*	*1.00*	*0.90*	*0.86*
Durian	100.09	81.40	71.73	74.91	65.29
Mandarin	16.17	15.50	14.83	13.57	13.05
Mango	96.83	91.57	87.32	92.78	96.32
Carabao	*107.50*	*100.88*	*96.55*	*103.38*	*106.05*
Mangosteen	26.47	3.24	14.98	14.88	11.95
Orange	21.78	21.07	20.63	19.60	19.19
Papaya	29.91	29.03	30.57	31.38	34.60
Rambutan	29.68	14.65	16.37	16.10	13.23
Rubber	10.04	10.12	10.17	9.39	8.64
Tamarind Fruit	62.14	56.96	55.50	55.12	55.40

Note: Bearing Trees except for Banana (Bearing Hill) and for Rubber (Tappable Tree).

R/ - Revised due to inclusion of Batanes data.

II. REGIONAL STATISTICS
A. CEREALS

PALAY

Palay production in the country exhibited an upward trend. It grew from 15.77 million mt in 2010 to 18.97 million mt in 2014 at an annual average growth of 4.7 percent (Figure 1). Likewise, total harvest area during the last five (5) years increased from 4.36 million hectares in 2010 to 4.74 million hectares in 2014. Central Luzon remained the top palay producer with 3.77 million mt output in 2014 or 19.8 percent of the country's total palay production. The other top producing regions were Cagayan Valley which shared 13.3 percent; Western Visayas, 10.8 percent; and Ilocos Region, 9.5 percent (Figure 2). Area harvested from these regions combined to 49.4 percent of the country's total (Figure 3).

Figure 1. Palay: Volume of Production and Area Harvested, Philippines, 2010-2014

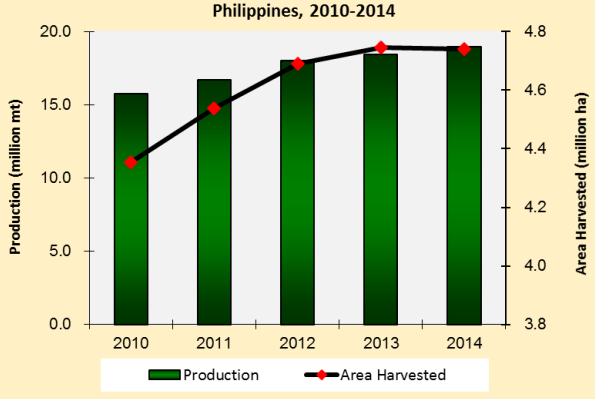


Figure 2. Palay: Top Producing Regions, Philippines, 2014

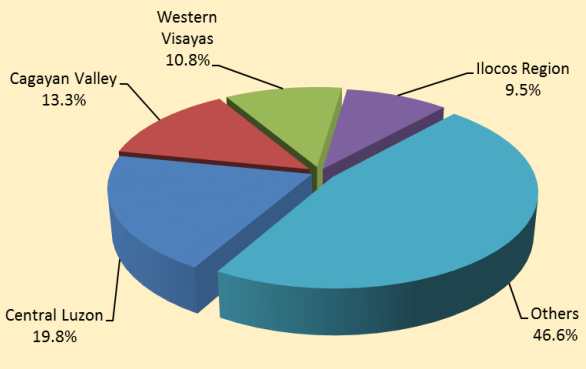
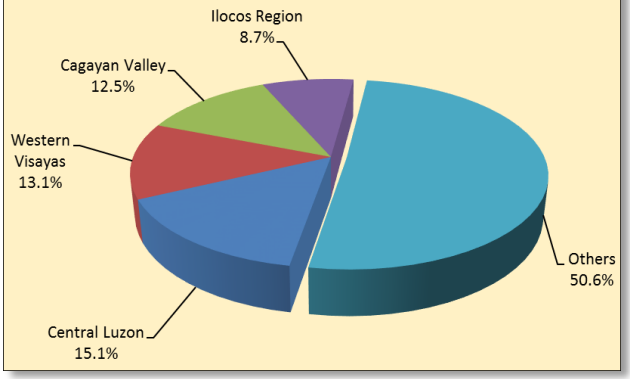
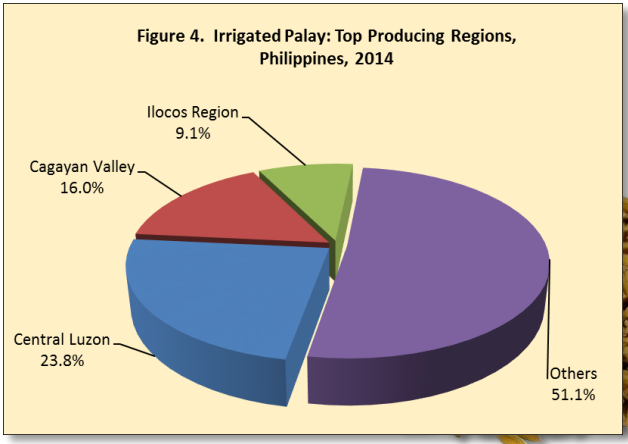


Figure 3. Palay: Distribution of Area Harvested, by Region, Philippines, 2014



In irrigated areas, palay production in 2014 reached 14.41 million mt. Central Luzon had the biggest share at 3.42 million mt. Cagayan Valley and Ilocos Region followed with 2.31 million mt and 1.34 million mt, respectively. The combined output from these regions accounted for 48.9 percent of the total irrigated palay production in 2014 (Figure 4).

Figure 4. Irrigated Palay: Top Producing Regions, Philippines, 2014



In rainfed areas, palay production in 2014 was 4.56 million mt. Western Visayas was the top producer with 21.2 percent share to total rainfed palay output. Ilocos Region and Eastern Visayas followed with 10.8 percent and 9.5 percent shares, respectively (Figure 5).

Figure 5. Rainfed Palay: Top Producing Regions, Philippines, 2014

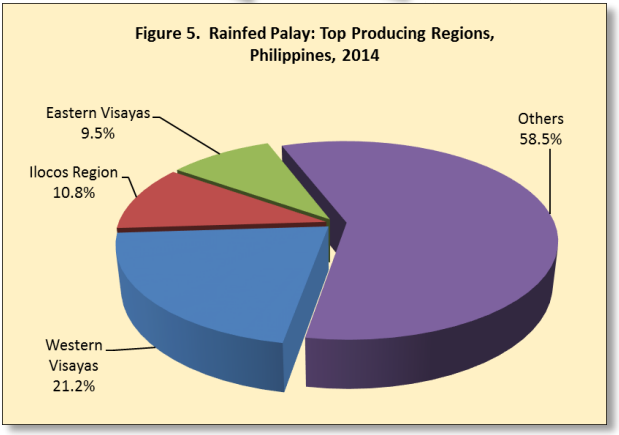


Table 2.1 PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**15,772,319**	**16,684,062**	**18,032,525**	**18,439,420**	**18,967,826**
CAR	400,415	428,949	453,461	460,170	452,609
Ilocos Region	1,558,373	1,602,814	1,737,695	1,750,057	1,796,229
Cagayan Valley	1,745,722	2,144,766	2,425,536	2,423,200	2,514,934
Central Luzon	2,958,415	2,616,083	3,220,607	3,409,468	3,765,150
CALABARZON	390,189	399,193	389,272	411,785	405,582
MIMAROPA	857,532	981,669	1,030,606	1,033,942	1,081,878
Bicol Region	1,081,078	1,070,917	1,173,307	1,243,241	1,258,147
Western Visayas	1,789,693	2,245,038	2,292,201	2,090,790	2,052,574
Central Visayas	270,449	322,862	327,120	347,697	338,822
Eastern Visayas	964,145	984,017	994,972	989,794	982,596
Zamboanga Peninsula	552,645	622,203	618,831	639,113	656,777
Northern Mindanao	586,442	610,990	637,348	674,903	713,764
Davao Region	402,811	416,543	448,703	421,692	452,267
SOCCSKSARGEN	1,185,196	1,244,148	1,270,901	1,347,646	1,364,849
Caraga	405,871	416,997	469,205	583,838	574,499
ARMM	623,343	576,873	542,760	612,083	557,149
Area Harvested (ha)					
PHILIPPINES	**4,354,161**	**4,536,642**	**4,690,061**	**4,746,091**	**4,739,672**
CAR	117,057	118,779	120,100	119,919	118,476
Ilocos Region	394,110	392,417	403,169	406,813	412,419
Cagayan Valley	506,351	562,806	582,557	585,294	591,660
Central Luzon	681,901	616,887	675,781	710,817	717,191
CALABARZON	104,124	114,186	113,010	115,518	116,568
MIMAROPA	262,384	270,751	280,748	282,956	280,920
Bicol Region	316,804	318,361	334,275	343,199	329,573
Western Visayas	541,253	654,185	668,810	616,273	618,727
Central Visayas	101,875	106,824	105,797	106,191	104,288
Eastern Visayas	275,691	284,933	285,394	282,153	283,020
Zamboanga Peninsula	145,070	158,424	157,888	161,721	163,096
Northern Mindanao	143,324	152,410	154,712	158,338	161,414
Davao Region	95,901	100,683	103,993	103,294	103,822
SOCCSKSARGEN	329,817	343,620	345,985	350,346	346,906
Caraga	130,867	141,852	155,041	176,559	174,170
ARMM	207,632	199,524	202,801	226,700	217,422
Yield Per Hectare (mt)					
PHILIPPINES	**3.62**	**3.68**	**3.84**	**3.89**	**4.00**
CAR	3.42	3.61	3.78	3.84	3.82
Ilocos Region	3.95	4.08	4.31	4.30	4.36
Cagayan Valley	3.45	3.81	4.16	4.14	4.25
Central Luzon	4.34	4.24	4.77	4.80	5.25
CALABARZON	3.75	3.50	3.44	3.56	3.48
MIMAROPA	3.27	3.63	3.67	3.65	3.85
Bicol Region	3.41	3.36	3.51	3.62	3.82
Western Visayas	3.31	3.43	3.43	3.39	3.32
Central Visayas	2.65	3.02	3.09	3.27	3.25
Eastern Visayas	3.50	3.45	3.49	3.51	3.47
Zamboanga Peninsula	3.81	3.93	3.92	3.95	4.03
Northern Mindanao	4.09	4.01	4.12	4.26	4.42
Davao Region	4.20	4.14	4.31	4.08	4.36
SOCCSKSARGEN	3.59	3.62	3.67	3.85	3.93
Caraga	3.10	2.94	3.03	3.31	3.30
ARMM	3.00	2.89	2.68	2.70	2.56

R/ - Revised due to inclusion of Batanes data.

Table 2.2 IRRIGATED PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**11,992,459**	**12,358,931**	**13,396,483**	**13,823,149**	**14,405,716**
CAR	335,343	364,657	385,958	394,671	389,732
Ilocos Region	1,108,293	1,144,248	1,245,655	1,270,037	1,305,464
Cagayan Valley	1,633,085	1,924,301	2,177,340	2,225,221	2,310,297
Central Luzon	2,712,810	2,386,583	2,939,815	3,093,762	3,423,053
CALABARZON	320,595	320,479	309,406	321,378	332,796
MIMAROPA	594,515	666,073	711,572	726,402	779,339
Bicol Region	791,987	735,577	815,197	872,206	881,474
Western Visayas	1,007,228	1,188,422	1,156,461	1,087,993	1,085,142
Central Visayas	175,798	205,841	208,926	223,090	215,066
Eastern Visayas	562,586	568,222	570,250	554,227	550,832
Zamboanga Peninsula	376,603	408,745	401,351	409,538	424,100
Northern Mindanao	535,695	551,111	574,426	609,684	643,114
Davao Region	367,215	378,753	405,435	377,302	406,793
SOCCSKSARGEN	985,124	1,017,609	1,028,961	1,101,859	1,115,486
Caraga	282,251	281,702	297,475	353,868	355,957
ARMM	203,331	216,608	168,256	201,911	187,071
Area Harvested (ha)					
PHILIPPINES	**3,008,325**	**3,072,637**	**3,163,185**	**3,236,337**	**3,253,080**
CAR	91,265	93,043	94,068	94,352	93,301
Ilocos Region	260,757	263,633	273,371	279,749	285,823
Cagayan Valley	441,583	479,036	495,501	510,338	511,873
Central Luzon	599,573	544,198	599,891	631,664	639,952
CALABARZON	79,494	83,111	80,120	81,415	86,191
MIMAROPA	166,012	174,752	185,166	188,471	189,480
Bicol Region	216,256	203,609	217,458	222,226	214,082
Western Visayas	273,564	314,768	305,588	288,187	296,174
Central Visayas	57,465	59,679	59,759	60,505	59,221
Eastern Visayas	129,254	134,126	133,847	129,310	129,728
Zamboanga Peninsula	89,362	93,712	91,163	94,776	94,564
Northern Mindanao	127,005	132,270	135,103	138,670	140,441
Davao Region	84,309	88,219	89,539	88,939	89,243
SOCCSKSARGEN	257,958	263,305	263,387	270,123	266,223
Caraga	84,980	88,264	89,489	99,786	100,072
ARMM	49,488	56,912	49,735	57,826	56,711
Yield Per Hectare (mt)					
PHILIPPINES	**3.99**	**4.02**	**4.24**	**4.27**	**4.43**
CAR	3.67	3.92	4.10	4.18	4.18
Ilocos Region	4.25	4.34	4.56	4.54	4.57
Cagayan Valley	3.70	4.02	4.39	4.36	4.51
Central Luzon	4.52	4.39	4.90	4.90	5.35
CALABARZON	4.03	3.86	3.86	3.95	3.86
MIMAROPA	3.58	3.81	3.84	3.85	4.11
Bicol Region	3.66	3.61	3.75	3.92	4.12
Western Visayas	3.68	3.78	3.78	3.78	3.66
Central Visayas	3.06	3.45	3.50	3.69	3.63
Eastern Visayas	4.35	4.24	4.26	4.29	4.25
Zamboanga Peninsula	4.21	4.36	4.40	4.32	4.48
Northern Mindanao	4.22	4.17	4.25	4.40	4.58
Davao Region	4.36	4.29	4.53	4.24	4.56
SOCCSKSARGEN	3.82	3.86	3.91	4.08	4.19
Caraga	3.32	3.19	3.32	3.55	3.56
ARMM	4.11	3.81	3.38	3.49	3.30

R/ - Revised due to inclusion of Batanes data.

Table 2.3 RAINFED PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**3779860**	**4325131**	**4636042.17**	**4616270.3**	**4562110.02**
CAR	65072	64292	67503	65499	62877
Ilocos Region	450080	458566	492040	480020	490765
Cagayan Valley	112637	220465	248196.87	197978.9	204637.02
Central Luzon	245605	229500	280792	315706	342097
CALABARZON	69594	78714	79866	90407	72786
MIMAROPA	263017	315596	319034	307540	302539
Bicol Region	289091	335340	358110	371035.4	376673
Western Visayas	782465	1056616	1135740	1002797	967432
Central Visayas	94651	117021	118194	124607	123756
Eastern Visayas	401559	415795	424722	435567	431764
Zamboanga Peninsula	176042	213458	217480	229575	232677
Northern Mindanao	50747	59879	62922	65219	70650
Davao Region	35596	37790	43268	44390	45474
SOCCSKSARGEN	200072	226539	241940	245787	249363
Caraga	123620	135295	171730.3	229970	218542
ARMM	420012	360265	374504	410172	370078
Area Harvested (ha)					
PHILIPPINES	**1345836**	**1464005**	**1526876.47**	**1509753.92**	**1486592.35**
CAR	25792	25736	26032	25567	25175
Ilocos Region	133353	128784	129798	127064	126596
Cagayan Valley	64768	83770	87056.47	74955.92	79786.35
Central Luzon	82328	72689	75890	79153	77239
CALABARZON	24630	31075	32890	34103	30377
MIMAROPA	96372	95999	95582	94485	91440
Bicol Region	100548	114752	116817	120973	115491
Western Visayas	267689	339417	363222	328086	322553
Central Visayas	44410	47145	46038	45686	45067
Eastern Visayas	146437	150807	151547	152843	153292
Zamboanga Peninsula	55708	64712	66725	66945	68532
Northern Mindanao	16319	20140	19609	19668	20973
Davao Region	11592	12464	14454	14355	14579
SOCCSKSARGEN	71859	80315	82598	80223	80683
Caraga	45887	53588	65552	76773	74098
ARMM	158144	142612	153066	168874	160711
Yield Per Hectare (mt)					
PHILIPPINES	**2.81**	**2.95**	**3.04**	**3.06**	**3.07**
CAR	2.52	2.50	2.59	2.56	2.50
Ilocos Region	3.38	3.56	3.79	3.78	3.88
Cagayan Valley	1.74	2.63	2.85	2.64	2.56
Central Luzon	2.98	3.16	3.70	3.99	4.43
CALABARZON	2.83	2.53	2.43	2.65	2.40
MIMAROPA	2.73	3.29	3.34	3.25	3.31
Bicol Region	2.88	2.92	3.07	3.07	3.26
Western Visayas	2.92	3.11	3.13	3.06	3.00
Central Visayas	2.13	2.48	2.57	2.73	2.75
Eastern Visayas	2.74	2.76	2.80	2.85	2.82
Zamboanga Peninsula	3.16	3.30	3.26	3.43	3.40
Northern Mindanao	3.11	2.97	3.21	3.32	3.37
Davao Region	3.07	3.03	2.99	3.09	3.12
SOCCSKSARGEN	2.78	2.82	2.93	3.06	3.09
Caraga	2.69	2.52	2.62	3.00	2.95
ARMM	2.66	2.53	2.45	2.43	2.30

R/ - Revised due to inclusion of Batanes data.

CORN

Production of corn peaked at 7.77 million mt in 2014 from the 6.38 million mt level in 2010. It grew at an average annual rate of 5.1 percent (Figure 6).

Cagayan Valley remains the top producing region, contributing 1.86 million mt or 23.9 percent of the country's total corn production in 2014. SOCCSKSARGEN ranked second with 1.34 million mt, followed by Northern Mindanao with 1.20 million mt. These regions accounted for 56.5 percent of the total corn output of the country (Figure 7). Total harvest area from these regions summed up to 47.5 percent of the country's total corn hectarage of 2.61 million hectares (Figure 8).

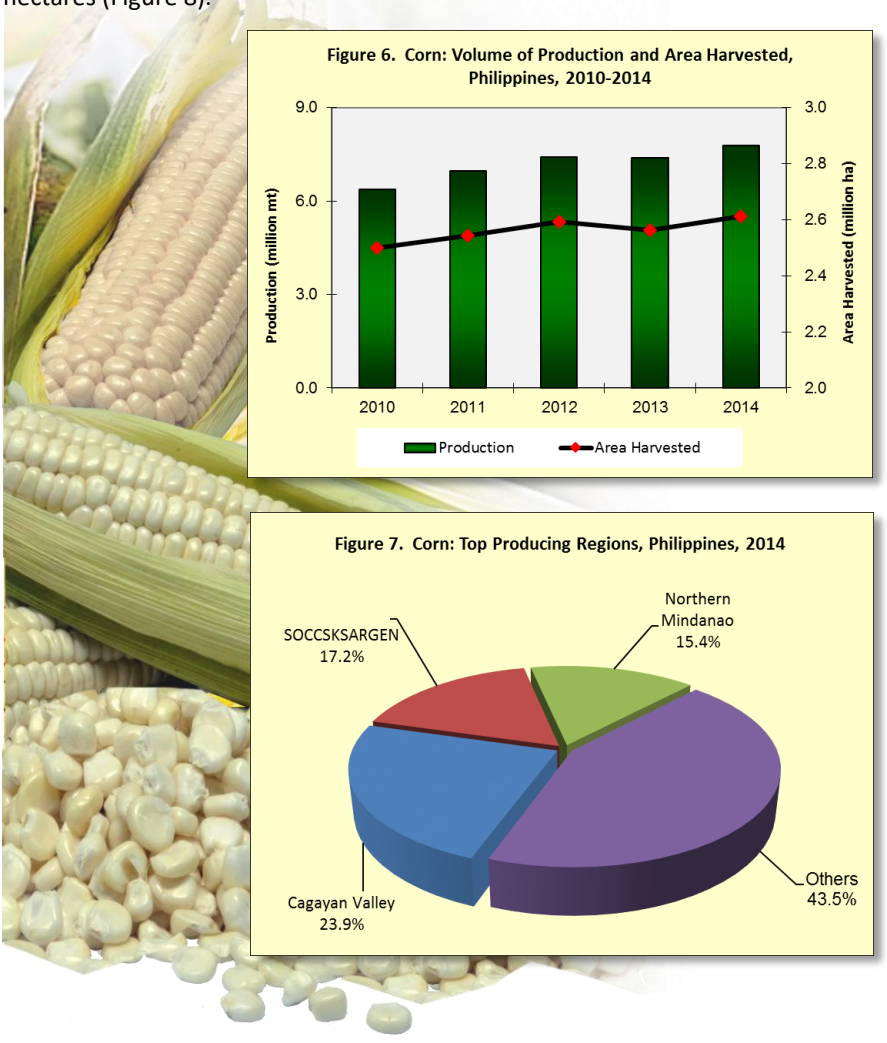


Figure 6. Corn: Volume of Production and Area Harvested, Philippines, 2010-2014

Figure 7. Corn: Top Producing Regions, Philippines, 2014

White corn production reached 2.26 million mt in 2014. The top producing regions were ARMM at 0.54 million mt; Northern Mindanao, 0.40 million mt; and SOCCSKSARGEN, 0.26 million mt (Figure 7). The combined output from these regions accounted for 53.4 percent of the total white corn output in the country.

Figure 8. Corn: Distribution of Area Harvested, by Region,

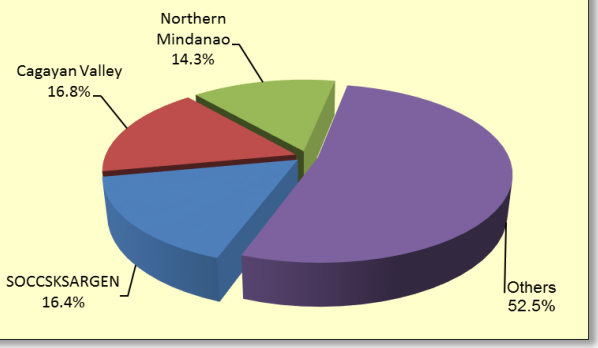


Figure 9. White Corn: Top Producing Regions, Philippines, 2014

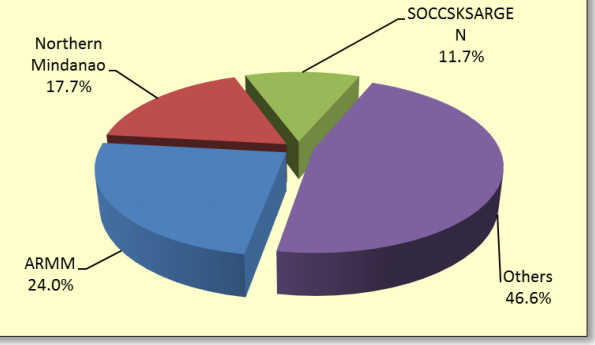
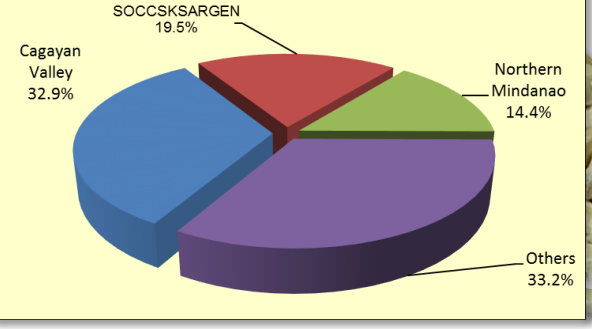


Figure 10. Yellow Corn: Top Producing Regions, Philippines, 2014



Yellow corn production at 5.51 million mt was 70.9 percent of the total corn output in 2014. The top producing regions and their corresponding outputs were Cagayan Valley, 1.81 million mt; SOCCSKSARGEN, 1.07 million mt; and Northern Mindanao, 0.80 million mt (Figure 8). Area harvested from these regions combined to 888.70 thousand hectares or 34.0 percent of the country's total harvest area.

In terms of yield, Central Luzon posted the highest yield at 5.53 mt per hectare. Ilocos Region and Cagayan Valley followed with 5.43 mt and 4.24 mt per hectare, respectively.

Table 2.4 CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**6,376,796**	**6,971,221**	**7,407,068**	**7,377,293**	**7,770,603**
CAR	172,195	218,788	225,135	242,074	244,576
Ilocos Region	358,445	387,882	434,720	447,503	476,741
Cagayan Valley	1,263,614	1,601,687	1,875,623	1,713,891	1,856,715
Central Luzon	197,890	188,494	210,574	227,765	240,870
CALABARZON	60,209	57,557	58,657	75,165	74,329
MIMAROPA	67,712	84,173	87,223	104,678	107,723
Bicol Region	174,479	215,025	230,545	258,115	285,647
Western Visayas	247,997	309,915	330,782	345,527	368,404
Central Visayas	178,413	177,297	172,138	173,225	164,197
Eastern Visayas	90,215	83,992	87,333	89,327	88,162
Zamboanga Peninsula	195,349	200,091	211,331	207,787	223,342
Northern Mindanao	1,153,239	1,212,208	1,228,754	1,185,036	1,196,542
Davao Region	202,354	191,213	198,627	227,013	280,293
SOCCSKSARGEN	1,064,448	1,170,554	1,201,331	1,305,607	1,338,065
Caraga	94,571	75,684	89,521	107,476	125,406
ARMM	855,666	796,661	764,774	667,104	699,591
Area Harvested (ha)					
PHILIPPINES	**2,499,040**	**2,544,612**	**2,593,924**	**2,563,718**	**2,611,432**
CAR	48,991	56,051	57,290	61,639	64,832
Ilocos Region	75,342	77,183	82,793	84,106	87,763
Cagayan Valley	364,723	422,095	432,465	416,823	437,729
Central Luzon	42,977	38,836	40,481	44,151	43,535
CALABARZON	29,687	31,858	33,080	33,906	34,518
MIMAROPA	22,984	26,463	24,496	28,022	29,135
Bicol Region	101,812	108,243	112,964	109,582	113,596
Western Visayas	112,502	122,216	122,569	123,946	124,312
Central Visayas	215,980	212,438	206,270	197,941	193,089
Eastern Visayas	64,672	60,950	61,699	61,722	60,752
Zamboanga Peninsula	142,559	132,407	134,979	125,949	130,116
Northern Mindanao	365,955	364,059	376,800	372,565	374,646
Davao Region	153,282	149,081	146,077	159,378	169,306
SOCCSKSARGEN	405,644	427,050	429,319	430,007	428,556
Caraga	39,601	31,554	33,830	38,017	41,957
ARMM	312,329	284,128	298,812	275,964	277,590
Yield Per Hectare (mt)					
PHILIPPINES	**2.55**	**2.74**	**2.86**	**2.88**	**2.98**
CAR	3.51	3.90	3.93	3.93	3.77
Ilocos Region	4.76	5.03	5.25	5.32	5.43
Cagayan Valley	3.46	3.79	4.34	4.11	4.24
Central Luzon	4.60	4.85	5.20	5.16	5.53
CALABARZON	2.03	1.81	1.77	2.22	2.15
MIMAROPA	2.95	3.18	3.56	3.74	3.70
Bicol Region	1.71	1.99	2.04	2.36	2.51
Western Visayas	2.20	2.54	2.70	2.79	2.96
Central Visayas	0.83	0.83	0.83	0.88	0.85
Eastern Visayas	1.39	1.38	1.42	1.45	1.45
Zamboanga Peninsula	1.37	1.51	1.57	1.65	1.72
Northern Mindanao	3.15	3.33	3.26	3.18	3.19
Davao Region	1.32	1.28	1.36	1.42	1.66
SOCCSKSARGEN	2.62	2.74	2.80	3.04	3.12
Caraga	2.39	2.40	2.65	2.83	2.99
ARMM	2.74	2.80	2.56	2.42	2.52

R/ - Revised due to inclusion of Batanes data.

Table 2.5 WHITE CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**2,169,103**	**2,150,222**	**2,165,548**	**2,129,091**	**2,262,234**
CAR	15,677	20,147	20,345	20,256	20,680
Ilocos Region	47,413	52,753	51,461	52,737	51,094
Cagayan Valley	50,907	56,787	66,645	53,933	46,489
Central Luzon	22,948	21,321	24,238	29,340	29,450
CALABARZON	35,665	32,717	30,090	36,217	30,936
MIMAROPA	10,654	14,438	14,238	15,463	16,345
Bicol Region	45,564	47,208	47,714	49,177	57,440
Western Visayas	54,249	67,512	74,727	79,528	100,638
Central Visayas	176,985	176,025	171,387	170,026	162,158
Eastern Visayas	77,580	71,228	74,160	76,102	74,783
Zamboanga Peninsula	163,986	149,950	167,571	174,905	193,017
Northern Mindanao	372,834	349,754	363,919	355,241	400,628
Davao Region	166,414	153,555	150,704	173,301	212,718
SOCCSKSARGEN	246,574	253,808	241,059	269,571	265,174
Caraga	48,908	35,110	44,462	54,195	57,087
ARMM	632,745	647,909	622,829	519,099	543,597
Area Harvested (ha)					
PHILIPPINES	**1,338,943**	**1,283,701**	**1,311,619**	**1,278,635**	**1,290,213**
CAR	8,350	8,538	8,437	8,413	8,368
Ilocos Region	15,825	16,410	15,863	15,764	15,135
Cagayan Valley	24,442	24,619	23,911	22,261	20,302
Central Luzon	10,673	9,910	10,309	11,534	11,149
CALABARZON	18,789	19,104	19,640	20,177	18,408
MIMAROPA	6,431	7,277	6,698	7,396	7,697
Bicol Region	55,873	56,249	57,986	49,832	52,378
Western Visayas	43,980	48,944	47,823	49,390	51,059
Central Visayas	215,342	211,863	205,919	196,995	192,422
Eastern Visayas	57,439	53,750	54,421	54,530	53,497
Zamboanga Peninsula	131,786	116,766	122,390	116,110	121,492
Northern Mindanao	188,112	177,031	193,516	192,392	201,839
Davao Region	139,643	135,161	131,489	138,340	146,983
SOCCSKSARGEN	140,535	136,648	130,601	133,318	130,093
Caraga	28,902	22,007	24,174	27,632	28,482
ARMM	252,821	239,424	258,442	234,551	230,909
Yield Per Hectare (mt)					
PHILIPPINES	**1.62**	**1.68**	**1.65**	**1.67**	**1.75**
CAR	1.88	2.36	2.41	2.41	2.47
Ilocos Region	3.00	3.21	3.24	3.35	3.38
Cagayan Valley	2.08	2.31	2.79	2.42	2.29
Central Luzon	2.15	2.15	2.35	2.54	2.64
CALABARZON	1.90	1.71	1.53	1.79	1.68
MIMAROPA	1.66	1.98	2.13	2.09	2.12
Bicol Region	0.82	0.84	0.82	0.99	1.10
Western Visayas	1.23	1.38	1.56	1.61	1.97
Central Visayas	0.82	0.83	0.83	0.86	0.84
Eastern Visayas	1.35	1.33	1.36	1.40	1.40
Zamboanga Peninsula	1.24	1.28	1.37	1.51	1.59
Northern Mindanao	1.98	1.98	1.88	1.85	1.98
Davao Region	1.19	1.14	1.15	1.25	1.45
SOCCSKSARGEN	1.75	1.86	1.85	2.02	2.04
Caraga	1.69	1.60	1.84	1.96	2.00
ARMM	2.50	2.71	2.41	2.21	2.35

R/ - Revised due to inclusion of Batanes data.

Table 2.6 YELLOW CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**4,207,693**	**4,820,999**	**5,241,520**	**5,248,203**	**5,508,369**
CAR	156,518	198,641	204,790	221,818	223,896
Ilocos Region	311,032	335,129	383,259	394,766	425,647
Cagayan Valley	1,212,707	1,544,900	1,808,978	1,659,959	1,810,226
Central Luzon	174,942	167,173	186,336	198,425	211,420
CALABARZON	24,544	24,840	28,567	38,948	43,393
MIMAROPA	57,058	69,735	72,985	89,215	91,378
Bicol Region	128,915	167,817	182,831	208,938	228,207
Western Visayas	193,748	242,403	256,055	265,999	267,766
Central Visayas	1,428	1,272	751	3,199	2,039
Eastern Visayas	12,635	12,764	13,173	13,225	13,379
Zamboanga Peninsula	31,363	50,141	43,760	32,882	30,325
Northern Mindanao	780,405	862,454	864,835	829,795	795,914
Davao Region	35,940	37,658	47,923	53,712	67,575
SOCCSKSARGEN	817,874	916,746	960,272	1,036,036	1,072,891
Caraga	45,663	40,574	45,059	53,281	68,320
ARMM	222,921	148,752	141,945	148,005	155,994
Area Harvested (ha)					
PHILIPPINES	**1,160,097**	**1,260,911**	**1,282,304**	**1,285,083**	**1,321,219**
CAR	40,641	47,513	48,853	53,226	56,464
Ilocos Region	59,517	60,773	66,930	68,342	72,628
Cagayan Valley	340,281	397,476	408,553	394,562	417,427
Central Luzon	32,304	28,926	30,172	32,617	32,386
CALABARZON	10,898	12,754	13,440	13,729	16,110
MIMAROPA	16,553	19,186	17,798	20,626	21,438
Bicol Region	45,939	51,994	54,978	59,750	61,218
Western Visayas	68,522	73,272	74,746	74,556	73,253
Central Visayas	638	575	351	946	667
Eastern Visayas	7,233	7,200	7,278	7,192	7,255
Zamboanga Peninsula	10,773	15,641	12,589	9,839	8,624
Northern Mindanao	177,843	187,028	183,284	180,173	172,807
Davao Region	13,639	13,920	14,588	21,038	22,323
SOCCSKSARGEN	265,109	290,402	298,718	296,689	298,463
Caraga	10,699	9,547	9,656	10,385	13,475
ARMM	59,508	44,704	40,370	41,413	46,681
Yield Per Hectare (mt)					
PHILIPPINES	**3.63**	**3.82**	**4.09**	**4.08**	**4.17**
CAR	3.85	4.18	4.19	4.17	3.97
Ilocos Region	5.23	5.51	5.73	5.78	5.86
Cagayan Valley	3.56	3.89	4.43	4.21	4.34
Central Luzon	5.42	5.78	6.18	6.08	6.53
CALABARZON	2.25	1.95	2.13	2.84	2.69
MIMAROPA	3.45	3.63	4.10	4.33	4.26
Bicol Region	2.81	3.23	3.33	3.50	3.73
Western Visayas	2.83	3.31	3.43	3.57	3.66
Central Visayas	2.24	2.21	2.14	3.38	3.06
Eastern Visayas	1.75	1.77	1.81	1.84	1.84
Zamboanga Peninsula	2.91	3.21	3.48	3.34	3.52
Northern Mindanao	4.39	4.61	4.72	4.61	4.61
Davao Region	2.64	2.71	3.29	2.55	3.03
SOCCSKSARGEN	3.09	3.16	3.21	3.49	3.59
Caraga	4.27	4.25	4.67	5.13	5.07
ARMM	3.75	3.33	3.52	3.57	3.34

R/ - Revised due to inclusion of Batanes data.

B. FRUIT CROPS

BANANA

The annual banana production from 2010 to 2014 dropped by an average of 0.5 percent annually, an improvement to the annual average drop of 1.0 percent from 2009 to 2013. This indicated that the banana industry is on its way to recovery from the devastation of Typhoon Pablo in 2012. Area planted during the same period contracted by an average of 0.4 percent annually. Bearing trees, on the other hand, grew annually by an average of 0.7 percent (Figure 11).

Banana production in 2014 increased by 2.8 percent or from 8.65 million mt in 2013 to 8.88 million mt in 2014. This could be drawn from the increases in bearing hills, harvested area and yield in major producing regions in Mindanao. Yield posted an improvement of 20.07 mt per hectare compared to the 19.39 mt in 2013. Area planted slowed down by 0.7 percent to 442.75 thousand hectares from the 2013 level of 446.02 thousand hectares.

Figure 11. Banana: Volume of Production, Area Planted and Number of Bearing Hills, Philippines, 2010-2014

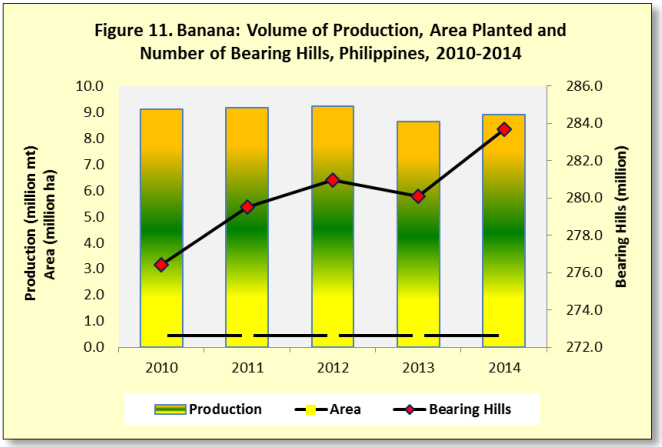
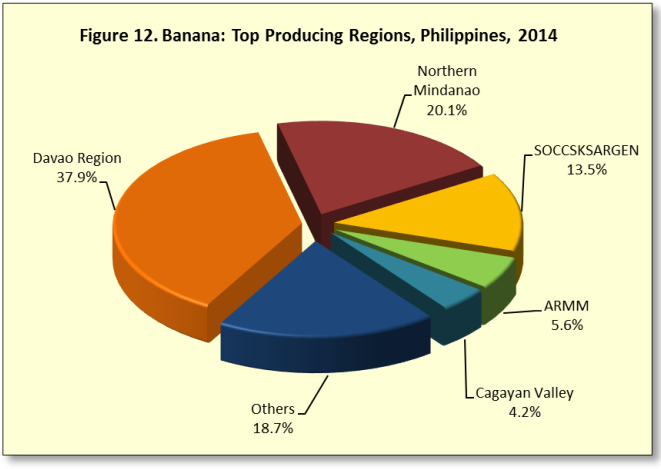


Figure 12. Banana: Top Producing Regions, Philippines, 2014



The top banana producing regions were Davao Region, Northern Mindanao and SOCCSKSARGEN. The combined output of these regions reached 6.35 million mt or 71.5 percent of the country's banana production (Figure 12). In terms of area planted, Davao Region shared 19.5 percent, Northern Mindanao; 11.8 percent; and ARMM, 7.6 percent of the national total area planted to banana

(Figure 13). These three (3) regions recorded the highest yield at 38.95 mt per hectare in Davao Region, 37.51 mt in SOCCSKSARGEN and 34.18 mt in Northern Mindanao.

Cavendish variety. From 2010 to 2014, Cavendish production dropped by an average of 0.7 percent annually. This variety comprised 50.1 percent (Figure 14) of the country's banana production. During the period, area planted and number of bearing hills expanded annually by an average of 1.4 percent and 1.3 percent, respectively.

In 2014, cavendish variety production was 4.45 million mt or 5.2 percent higher than the 4.23 million mt level in 2013. Increased bearing hills and harvested area across Davao Region and expansion of plantation farms in Northern Mindanao, Caraga and Central Visayas contributed to the production increment in 2014.

Figure 13. Banana: Distribution of Area Planted by Region, Philippines, 2014

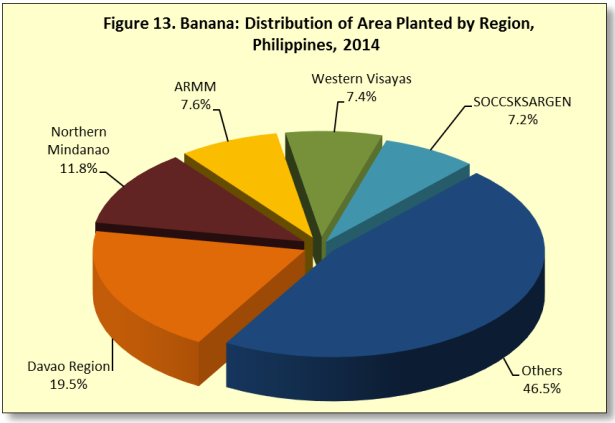
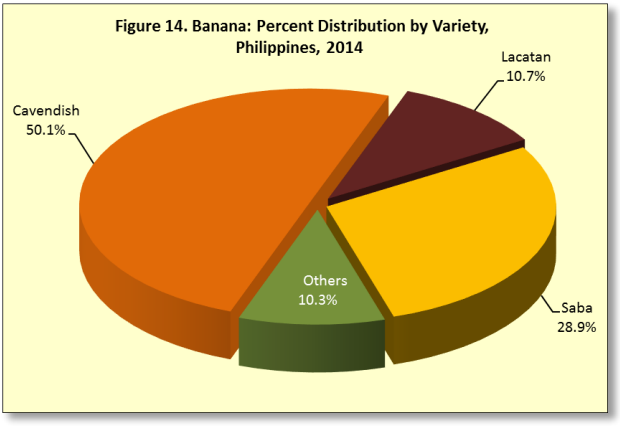


Figure 14. Banana: Percent Distribution by Variety, Philippines, 2014



Davao Region remained as the top cavendish producing region contributing 57.1 percent to the national cavendish banana production. Northern Mindanao ranked second and shared 25.8 percent of the total cavendish production in 2014. Area planted to cavendish variety was 84.13 thousand hectares or 1.5 percent more than the 82.90 thousand hectares in 2013. The highest number of bearing trees was in Davao Region and comprised 60.6 percent of the national total. The shares of other major producing regions were 21.8 percent in Northern Mindanao and 12.2 percent in SOCCSKSARGEN. Yield per hectare was on its way to recovery at 52.87 mt per hectare from the 51.02 mt in 2013.

Lakatan variety. Lakatan production from 2010 to 2014 posted a positive growth by an average of 0.9 percent annually. This variety represented 10.7 percent (Figure 4) of the total banana production in 2014. Number of bearing hills recorded an uptrend at an average annual rate of 0.6 percent. Area planted contracted at an average annual rate of 0.1 percent during the same period.

In 2014, a 2.7 percent growth or 954.86 thousand mt of lakatan variety was reported from the 2013 output of 930.03 thousand mt.Area planted was nearly flat at 0.9 percent higher or 56.40 thousand hectares in 2014 from the 55.91 thousand hectares in the previous year. The number of bearing hills stood at 32.54 million hills.

SOCCSKSARGEN was the top lakatan variety producing region and shared 24.2 percent of the country's output in 2014. Davao Region and Northern Mindanao followed with 22.9 percent and 17.7 percent, respectively. These three (3) regions contributed 64.8 percent of the national total lakatan production. Davao Region recorded the largest area planted with 11.29 thousand hectares or 20.0 percent of the total area planted to lakatan variety. In terms of yield, SOCCSKSARGEN posted the highest with 33.85 mt per hectare.

***Saba variety*.** The country's saba variety production in the last five (5) years dropped by an average of 0.6 percent annually. During the period, area planted shrunk by an average of 0.5 percent. While the number of bearing trees increased annually by an average of 0.7 percent.

In 2014, saba production was 2.57 million mt or 0.4 percent higher than the 2.56 million mt output level in 2013. This variety was 28.9 percent (Figure 4) of the total banana production. The production increment was attributed to the increases in bearing hills and area planted in Davao Region, SOCCSKSARGEN and Northern Mindanao. Bigger bunches and fruits were observed in Western Visayas and Zamboanga Peninsula. The positive growth of harvests in SOCSSKSARGEN was primarily due to the sufficient rains and good market demand for banana chips processing and local exports.

Davao Region remained the highest saba variety producing region and shared 20.4 percent of the country's saba variety production. SOCCSKSARGEN followed with 14.4 percent and Northern Mindanao with 11.8 percent share of the 2014 output. In terms of area planted, Davao Region recorded the largest area planted and represented 12.1 percent of the total area planted to saba variety. CALABARZON and Western Visayas followed with about the same 9.5 percent to the country's area planted to saba variety. Consequently, Davao Region topped the most number of bearing hills and contributed 16.9 percent of the national total number of bearing hills.

Table 3.1 BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**9,101,341**	**9,165,046**	**9,226,768**	**8,646,417**	**8,884,857**
CAR	25,669	25,083	25,100	27,195	26,254
Ilocos Region	41,220	40,785	42,560	43,479	43,880
Cagayan Valley	368,074	269,193	309,239	361,063	376,366
Central Luzon	58,216	57,420	57,584	58,917	58,783
CALABARZON	105,842	113,588	116,469	117,974	104,304
MIMAROPA	210,383	223,794	199,268	158,671	155,263
Bicol Region	77,892	78,942	81,414	83,353	74,511
Western Visayas	332,178	344,588	353,138	332,762	270,330
Central Visayas	182,323	199,545	202,512	190,700	194,069
Eastern Visayas	278,306	277,173	280,439	259,095	216,991
Zamboanga Peninsula	263,643	238,309	240,487	259,188	274,127
Northern Mindanao	1,702,392	1,725,775	1,718,787	1,735,977	1,781,045
Davao Region	3,804,460	3,854,845	3,785,422	3,164,641	3,368,176
SOCCSKSARGEN	1,043,811	1,094,956	1,155,348	1,185,492	1,203,369
Caraga	210,393	204,140	218,805	208,303	243,792
ARMM	396,539	416,910	440,198	459,606	493,598
Area (ha)					
PHILIPPINES	**449,443**	**450,125**	**454,262**	**446,017**	**442,751**
CAR	4,842	4,864	4,932	5,149	4,796
Ilocos Region	7,615	7,538	7,590	7,615	7,614
Cagayan Valley	23,651	23,656	24,130	25,504	25,806
Central Luzon	6,295	6,273	6,256	6,228	6,215
CALABARZON	29,663	29,706	29,925	29,879	28,670
MIMAROPA	26,638	26,754	26,925	22,245	22,637
Bicol Region	18,809	18,777	18,816	18,824	18,522
Western Visayas	34,427	34,698	34,900	34,964	32,575
Central Visayas	21,541	21,536	21,571	21,616	20,954
Eastern Visayas	30,566	30,380	30,542	30,543	27,556
Zamboanga Peninsula	19,709	19,864	20,219	20,142	19,898
Northern Mindanao	51,519	51,452	51,433	51,857	52,112
Davao Region	87,313	88,379	88,320	83,628	86,482
SOCCSKSARGEN	29,243	29,284	29,952	32,075	32,078
Caraga	26,060	24,728	26,263	23,020	23,106
ARMM	31,552	32,237	32,488	32,728	33,732
Yield Per Hectare (mt)					
PHILIPPINES	**20.25**	**20.36**	**20.31**	**19.39**	**20.07**
CAR	5.30	5.16	5.09	5.28	5.47
Ilocos Region	5.41	5.41	5.61	5.71	5.76
Cagayan Valley	15.56	11.38	12.82	14.16	14.58
Central Luzon	9.25	9.15	9.20	9.46	9.46
CALABARZON	3.57	3.82	3.89	3.95	3.64
MIMAROPA	7.90	8.36	7.40	7.13	6.86
Bicol Region	4.14	4.20	4.33	4.43	4.02
Western Visayas	9.65	9.93	10.12	9.52	8.30
Central Visayas	8.46	9.27	9.39	8.82	9.26
Eastern Visayas	9.11	9.12	9.18	8.48	7.87
Zamboanga Peninsula	13.38	12.00	11.89	12.87	13.78
Northern Mindanao	33.04	33.54	33.42	33.48	34.18
Davao Region	43.57	43.62	42.86	37.84	38.95
SOCCSKSARGEN	35.69	37.39	38.57	36.96	37.51
Caraga	8.07	8.26	8.33	9.05	10.55
ARMM	12.57	12.93	13.55	14.04	14.63

R/ - Revised due to inclusion of Batanes data.

Table 3.1a BANANA: NUMBER OF BEARING HILLS, BEARING HILLS PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING HILLS (no.)					
PHILIPPINES	**276,405,963**	**279,512,164**	**280,961,103**	**280,073,988**	**283,692,665**
CAR	1,360,967	1,526,514	1,516,684	1,779,092	1,772,291
Ilocos Region	3,059,573	3,059,706	3,096,808	3,040,210	3,078,454
Cagayan Valley	14,287,350	13,245,237	13,174,202	13,403,873	13,635,673
Central Luzon	2,086,501	2,192,526	2,180,419	2,278,756	2,222,774
CALABARZON	9,089,171	9,839,430	9,619,434	9,530,174	9,710,487
MIMAROPA	11,030,711	11,121,999	11,158,130	10,153,029	10,229,536
Bicol Region	5,935,514	5,918,135	5,921,771	5,899,411	5,815,951
Western Visayas	14,901,113	15,192,508	15,093,721	15,136,384	14,260,140
Central Visayas	9,270,742	9,392,325	9,478,253	9,264,919	7,781,045
Eastern Visayas	9,597,416	9,533,797	9,712,320	9,710,154	8,346,053
Zamboanga Peninsula	7,195,658	7,340,259	7,278,402	7,616,968	7,383,559
Northern Mindanao	42,801,764	44,105,817	44,987,453	46,099,428	46,612,485
Davao Region	96,635,731	97,413,254	95,847,952	92,342,976	97,006,552
SOCCSKSARGEN	27,454,426	27,727,083	28,864,025	29,962,519	30,639,089
Caraga	9,462,289	9,212,590	9,999,929	9,606,145	10,859,530
ARMM	12,237,037	12,690,984	13,031,600	14,249,950	14,339,046
BEARING HILLS PER HECTARE					
PHILIPPINES	**615**	**621**	**619**	**628**	**641**
CAR	281	314	308	346	370
Ilocos Region	402	406	408	399	404
Cagayan Valley	604	560	546	526	528
Central Luzon	331	350	349	366	358
CALABARZON	306	331	321	319	339
MIMAROPA	414	416	414	456	452
Bicol Region	316	315	315	313	314
Western Visayas	433	438	432	433	438
Central Visayas	430	436	439	429	371
Eastern Visayas	314	314	318	318	303
Zamboanga Peninsula	365	370	360	378	371
Northern Mindanao	831	857	875	889	894
Davao Region	1,107	1,102	1,085	1,104	1,122
SOCCSKSARGEN	939	947	964	934	955
Caraga	363	373	381	417	470
ARMM	388	394	401	435	425
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**32.93**	**32.79**	**32.84**	**30.87**	**31.32**
CAR	18.86	16.43	16.55	15.29	14.81
Ilocos Region	13.47	13.33	13.74	14.30	14.25
Cagayan Valley	25.76	20.32	23.47	26.94	27.60
Central Luzon	27.90	26.19	26.41	25.85	26.45
CALABARZON	11.64	11.54	12.11	12.38	10.74
MIMAROPA	19.07	20.12	17.86	15.63	15.18
Bicol Region	13.12	13.34	13.75	14.13	12.81
Western Visayas	22.29	22.68	23.40	21.98	18.96
Central Visayas	19.67	21.25	21.37	20.58	24.94
Eastern Visayas	29.00	29.07	28.87	26.68	26.00
Zamboanga Peninsula	36.64	32.47	33.04	34.03	37.13
Northern Mindanao	39.77	39.13	38.21	37.66	38.21
Davao Region	39.37	39.57	39.49	34.27	34.72
SOCCSKSARGEN	38.02	39.49	40.03	39.57	39.28
Caraga	22.23	22.16	21.88	21.68	22.45
ARMM	32.40	32.85	33.78	32.25	34.42

R/ - Revised due to inclusion of Batanes data.

Table 3.1.1 CAVENDISH BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**4,600,617**	**4,685,997**	**4,694,655**	**4,230,089**	**4,448,460**
CAR					
Ilocos Region					
Cagayan Valley	281	311	300	237	254
Central Luzon					
CALABARZON	107	805	909	942	319
MIMAROPA					
Bicol Region					
Western Visayas	1,552	1,589	1,648	1,488	1,288
Central Visayas	823	887	897	1,293	2,306
Eastern Visayas	192	189	193	151	70
Zamboanga Peninsula	169	157	146	600	319
Northern Mindanao	1,117,121	1,115,622	1,102,389	1,120,311	1,148,625
Davao Region	2,927,247	2,961,989	2,902,974	2,392,320	2,537,740
SOCCSKSARGEN	432,474	464,688	505,827	520,618	522,133
Caraga	14,739	20,486	40,886	45,253	76,935
ARMM	105,912	119,274	138,487	146,876	158,472
Area (ha)					
PHILIPPINES	**79,642**	**80,230**	**82,414**	**82,903**	**84,133**
CAR					
Ilocos Region					
Cagayan Valley	6	10	11	11	11
Central Luzon					
CALABARZON	44	44	44	44	44
MIMAROPA					
Bicol Region					
Western Visayas	148	159	160	151	151
Central Visayas	94	97	112	112	170
Eastern Visayas	34	34	36	36	28
Zamboanga Peninsula	30	29	98	72	68
Northern Mindanao	16,707	16,635	16,628	17,074	17,168
Davao Region	48,153	48,741	48,535	46,681	47,092
SOCCSKSARGEN	9,219	9,283	10,140	11,668	11,784
Caraga	842	804	2,105	2,146	2,546
ARMM	4,365	4,395	4,545	4,908	5,072
Yield Per Hectare (mt)					
PHILIPPINES	**57.77**	**58.41**	**56.96**	**51.02**	**52.87**
CAR					
Ilocos Region					
Cagayan Valley	46.83	31.14	27.77	21.94	23.49
Central Luzon					
CALABARZON	2.43	18.40	20.66	21.40	7.24
MIMAROPA					
Bicol Region					
Western Visayas	10.45	10.01	10.29	9.82	8.56
Central Visayas	8.76	9.14	8.01	11.54	13.57
Eastern Visayas	5.62	5.52	5.32	4.18	2.53
Zamboanga Peninsula	5.74	5.52	1.49	8.33	4.69
Northern Mindanao	66.87	67.06	66.30	65.62	66.91
Davao Region	60.79	60.77	59.81	51.25	53.89
SOCCSKSARGEN	46.91	50.06	49.88	44.62	44.31
Caraga	17.51	25.48	19.43	21.09	30.22
ARMM	24.26	27.14	30.47	29.93	31.24

R/ - Revised due to inclusion of Batanes data.

Table 3.1.1a CAVENDISH BANANA: NUMBER OF BEARING HILLS, BEARING HILLS PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING HILLS (no.)					
PHILIPPINES	**112,902,991**	**114,192,836**	**114,764,159**	**115,825,919**	**118,782,649**
CAR					
Ilocos Region					
Cagayan Valley	4,000	4,800	5,300	5,300	5,212
Central Luzon					
CALABARZON	19,000	34,700	37,500	37,600	81,500
MIMAROPA					
Bicol Region					
Western Visayas	64,498	64,939	65,430	64,194	64,892
Central Visayas	35,178	35,878	36,066	40,185	58,298
Eastern Visayas	18,175	18,180	18,747	18,747	10,355
Zamboanga Peninsula	7,079	6,609	6,030	27,280	20,460
Northern Mindanao	24,526,000	24,638,602	24,626,650	25,745,650	25,846,855
Davao Region	73,062,536	73,662,978	72,337,465	70,678,653	71,975,991
SOCCSKSARGEN	12,417,775	12,629,600	13,488,865	14,384,560	14,532,936
Caraga	491,100	838,900	1,555,370	1,952,500	3,222,450
ARMM	2,257,650	2,257,650	2,586,736	2,871,250	2,963,700
BEARING HILLS PER HECTARE					
PHILIPPINES	**1,418**	**1,423**	**1,393**	**1,397**	**1,412**
CAR					
Ilocos Region					
Cagayan Valley	667	480	491	491	483
Central Luzon					
CALABARZON	432	793	852	855	1,852
MIMAROPA					
Bicol Region					
Western Visayas	434	409	408	424	431
Central Visayas	374	370	322	359	343
Eastern Visayas	531	531	518	518	372
Zamboanga Peninsula	240	232	62	379	301
Northern Mindanao	1,468	1,481	1,481	1,508	1,506
Davao Region	1,517	1,511	1,490	1,514	1,528
SOCCSKSARGEN	1,347	1,361	1,330	1,233	1,233
Caraga	583	1,043	739	910	1,266
ARMM	517	514	569	585	584
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**40.75**	**41.04**	**40.91**	**36.52**	**37.45**
CAR					
Ilocos Region					
Cagayan Valley	70.25	64.88	56.59	44.71	48.66
Central Luzon					
CALABARZON	5.64	23.20	24.25	25.04	3.91
MIMAROPA					
Bicol Region					
Western Visayas	24.06	24.47	25.18	23.18	19.85
Central Visayas	23.40	24.71	24.86	32.17	39.56
Eastern Visayas	10.57	10.38	10.28	8.07	6.79
Zamboanga Peninsula	23.90	23.80	24.19	21.99	15.59
Northern Mindanao	45.55	45.28	44.76	43.51	44.44
Davao Region	40.06	40.21	40.13	33.85	35.26
SOCCSKSARGEN	34.83	36.79	37.50	36.19	35.93
Caraga	30.01	24.42	26.29	23.18	23.87
ARMM	46.91	52.83	53.54	51.15	53.47

R/ - Revised due to inclusion of Batanes data.

Table 3.1.2 LAKATAN BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**921,602**	**926,719**	**942,938**	**930,032**	**954,856**
CAR	4,318	4,231	4,146	4,829	4,604
Ilocos Region	931	932	950	944	908
Cagayan Valley	39,773	29,305	35,352	40,680	38,786
Central Luzon	13,200	13,140	13,243	13,169	13,443
CALABARZON	8,060	8,144	8,260	8,472	7,455
MIMAROPA	39,954	42,266	37,151	29,176	28,565
Bicol Region	3,720	3,727	3,812	3,927	3,644
Western Visayas	19,245	19,757	20,156	19,696	17,244
Central Visayas	14,310	16,556	16,527	17,511	17,870
Eastern Visayas	16,249	16,124	16,222	14,622	12,595
Zamboanga Peninsula	53,372	45,952	49,181	55,744	61,722
Northern Mindanao	164,923	166,313	169,094	167,313	168,898
Davao Region	207,496	219,874	224,093	203,899	218,791
SOCCSKSARGEN	219,189	223,141	225,610	229,324	230,828
Caraga	26,844	21,992	20,228	18,283	20,098
ARMM	90,015	95,264	98,913	102,443	109,405
Area (ha)					
PHILIPPINES	**56,579**	**57,032**	**58,071**	**55,908**	**56,395**
CAR	959	965	1,004	1,142	954
Ilocos Region	280	282	283	283	279
Cagayan Valley	3,231	3,214	3,245	3,286	3,283
Central Luzon	1,292	1,290	1,288	1,283	1,214
CALABARZON	2,423	2,406	2,391	2,388	2,349
MIMAROPA	4,986	5,028	5,100	4,040	4,105
Bicol Region	1,080	1,079	1,079	1,080	1,075
Western Visayas	1,771	1,816	1,874	1,893	1,880
Central Visayas	2,374	2,376	2,386	2,399	2,381
Eastern Visayas	1,469	1,472	1,451	1,451	1,392
Zamboanga Peninsula	3,447	3,540	4,308	4,365	4,395
Northern Mindanao	6,747	6,724	6,726	6,724	6,724
Davao Region	11,144	11,345	11,417	10,971	11,287
SOCCSKSARGEN	6,863	6,752	6,800	6,950	6,820
Caraga	3,561	3,493	3,491	2,416	2,526
ARMM	4,952	5,250	5,228	5,238	5,732
Yield Per Hectare (mt)					
PHILIPPINES	**16**	**16**	**16**	**17**	**17**
CAR	5	4	4	4	5
Ilocos Region	3	3	3	3	3
Cagayan Valley	12	9	11	12	12
Central Luzon	10	10	10	10	11
CALABARZON	3	3	3	4	3
MIMAROPA	8	8	7	7	7
Bicol Region	3	3	4	4	3
Western Visayas	11	11	11	10	9
Central Visayas	6	7	7	7	8
Eastern Visayas	11	11	11	10	9
Zamboanga Peninsula	15	13	11	13	14
Northern Mindanao	24	25	25	25	25
Davao Region	19	19	20	19	19
SOCCSKSARGEN	32	33	33	33	34
Caraga	8	6	6	8	8
ARMM	18	18	19	20	19

R/ - Revised due to inclusion of Batanes data.

Table 3.1.2a LAKATAN BANANA: NUMBER OF BEARING HILLS, BEARING HILLS PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING HILLS (no.)					
PHILIPPINES	**31,804,423**	**32,216,833**	**32,448,020**	**32,233,123**	**32,542,347**
CAR	205,592	256,958	265,465	358,459	358,310
Ilocos Region	79,990	79,889	81,080	81,190	79,526
Cagayan Valley	2,084,201	1,928,039	1,936,524	1,937,006	1,896,643
Central Luzon	477,650	489,265	489,315	501,320	508,603
CALABARZON	873,700	878,796	869,600	870,604	877,060
MIMAROPA	2,090,449	2,113,643	2,129,596	1,990,787	2,005,570
Bicol Region	326,033	325,705	325,755	321,037	319,715
Western Visayas	894,096	902,835	902,827	905,082	900,188
Central Visayas	1,081,859	1,097,184	1,032,007	1,004,473	800,319
Eastern Visayas	535,904	519,827	505,344	499,955	398,355
Zamboanga Peninsula	1,263,815	1,303,015	1,375,172	1,593,800	1,597,650
Northern Mindanao	5,048,552	5,410,720	5,775,000	5,774,330	5,916,998
Davao Region	7,144,594	7,183,869	7,069,008	6,582,256	6,918,029
SOCCSKSARGEN	6,156,306	6,142,409	6,128,088	6,059,350	6,193,710
Caraga	1,463,800	1,435,350	1,413,850	1,285,900	1,309,250
ARMM	2,077,882	2,149,329	2,149,389	2,467,574	2,462,421
BEARING HILLS PER HECTARE					
PHILIPPINES	**562**	**565**	**559**	**577**	**577**
CAR	214	266	264	314	376
Ilocos Region	286	283	286	287	285
Cagayan Valley	645	600	597	590	578
Central Luzon	370	379	380	391	419
CALABARZON	361	365	364	365	373
MIMAROPA	419	420	418	493	489
Bicol Region	302	302	302	297	297
Western Visayas	505	497	482	478	479
Central Visayas	456	462	433	419	336
Eastern Visayas	365	353	348	344	286
Zamboanga Peninsula	367	368	319	365	364
Northern Mindanao	748	805	859	859	880
Davao Region	641	633	619	600	613
SOCCSKSARGEN	897	910	901	872	908
Caraga	411	411	405	532	518
ARMM	420	409	411	471	430
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**28.98**	**28.77**	**29.06**	**28.85**	**29.34**
CAR	21.00	16.47	15.62	13.47	12.85
Ilocos Region	11.64	11.67	11.72	11.63	11.42
Cagayan Valley	19.08	15.20	18.26	21.00	20.45
Central Luzon	27.64	26.86	27.06	26.27	26.43
CALABARZON	9.23	9.27	9.50	9.73	8.50
MIMAROPA	19.11	20.00	17.45	14.66	14.24
Bicol Region	11.41	11.44	11.70	12.23	11.40
Western Visayas	21.53	21.88	22.33	21.76	19.16
Central Visayas	13.23	15.09	16.01	17.43	22.33
Eastern Visayas	30.32	31.02	32.10	29.25	31.62
Zamboanga Peninsula	42.23	35.27	35.76	34.98	38.63
Northern Mindanao	32.67	30.74	29.28	28.98	28.54
Davao Region	29.04	30.61	31.70	30.98	31.63
SOCCSKSARGEN	35.60	36.33	36.82	37.85	37.27
Caraga	18.34	15.32	14.31	14.22	15.35
ARMM	43.32	44.32	46.02	41.52	44.43

R/ - Revised due to inclusion of Batanes data.

Table 3.1.3 SABA BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**2,632,692**	**2,616,842**	**2,645,893**	**2,557,109**	**2,567,495**
CAR	9,021	8,769	8,910	9,553	8,914
Ilocos Region	20,365	20,009	21,055	21,452	21,845
Cagayan Valley	267,578	191,181	215,049	255,500	274,218
Central Luzon	27,928	27,395	27,464	29,128	29,068
CALABARZON	68,131	74,187	76,081	77,559	68,600
MIMAROPA	130,686	141,302	125,673	98,915	96,980
Bicol Region	40,745	41,415	42,704	43,196	38,657
Western Visayas	203,497	212,543	218,719	203,870	159,632
Central Visayas	122,977	133,067	135,700	123,176	123,472
Eastern Visayas	182,217	181,739	183,557	169,427	145,577
Zamboanga Peninsula	143,631	131,131	131,884	138,878	147,029
Northern Mindanao	269,395	291,200	294,605	295,656	302,445
Davao Region	579,465	582,529	571,431	487,433	522,808
SOCCSKSARGEN	321,523	334,401	348,477	356,727	369,172
Caraga	114,201	111,911	108,041	101,025	99,909
ARMM	131,333	134,063	136,544	145,613	159,168
Area (ha)					
PHILIPPINES	**185,800**	**186,317**	**187,428**	**183,484**	**182,416**
CAR	1,328	1,318	1,317	1,353	1,332
Ilocos Region	3,161	3,104	3,113	3,144	3,151
Cagayan Valley	14,397	14,422	14,676	15,797	15,865
Central Luzon	2,439	2,437	2,434	2,429	2,509
CALABARZON	17,312	17,362	17,602	17,582	17,393
MIMAROPA	14,791	14,864	14,984	11,849	11,946
Bicol Region	9,500	9,492	9,514	9,514	9,392
Western Visayas	18,721	18,825	18,887	18,929	17,274
Central Visayas	12,896	12,902	12,931	12,941	12,450
Eastern Visayas	14,607	14,606	14,647	14,647	13,655
Zamboanga Peninsula	8,399	8,541	8,550	8,540	8,544
Northern Mindanao	12,972	13,084	13,080	13,076	13,237
Davao Region	21,943	22,150	22,165	20,136	22,110
SOCCSKSARGEN	9,296	9,421	9,333	9,702	9,746
Caraga	9,417	8,800	9,030	8,671	8,284
ARMM	14,621	14,990	15,165	15,174	15,528
Yield Per Hectare (mt)					
PHILIPPINES	**14.17**	**14.05**	**14.12**	**13.94**	**14.07**
CAR	6.79	6.65	6.77	7.06	6.69
Ilocos Region	6.44	6.45	6.76	6.82	6.93
Cagayan Valley	18.59	13.26	14.65	16.17	17.28
Central Luzon	11.45	11.24	11.28	11.99	11.59
CALABARZON	3.94	4.27	4.32	4.41	3.94
MIMAROPA	8.84	9.51	8.39	8.35	8.12
Bicol Region	4.29	4.36	4.49	4.54	4.12
Western Visayas	10.87	11.29	11.58	10.77	9.24
Central Visayas	9.54	10.31	10.49	9.52	9.92
Eastern Visayas	12.47	12.44	12.53	11.57	10.66
Zamboanga Peninsula	17.10	15.35	15.42	16.26	17.21
Northern Mindanao	20.77	22.26	22.52	22.61	22.85
Davao Region	26.41	26.30	25.78	24.21	23.65
SOCCSKSARGEN	34.59	35.50	37.34	36.77	37.88
Caraga	12.13	12.72	11.96	11.65	12.06
ARMM	8.98	8.94	9.00	9.60	10.25

R/ - Revised due to inclusion of Batanes data.

Table 3.1.3a SABA BANANA: NUMBER OF BEARING HILLS, BEARING HILLS PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING HILLS (no.)					
PHILIPPINES	**78,584,660**	**79,570,508**	**80,028,012**	**79,242,502**	**80,852,346**
CAR	427,858	465,188	457,886	513,127	511,513
Ilocos Region	1,231,081	1,225,966	1,228,803	1,230,971	1,261,025
Cagayan Valley	8,573,843	7,871,149	7,725,110	7,952,057	8,243,121
Central Luzon	730,236	787,846	784,340	844,240	846,656
CALABARZON	4,889,180	5,304,760	5,207,504	5,216,544	5,410,241
MIMAROPA	6,126,477	6,166,289	6,195,561	5,492,290	5,545,827
Bicol Region	2,762,924	2,757,021	2,758,595	2,747,246	2,732,788
Western Visayas	7,614,511	7,704,453	7,719,863	7,767,326	7,149,354
Central Visayas	4,953,548	5,036,553	5,145,181	5,053,893	4,243,631
Eastern Visayas	4,303,847	4,304,960	4,474,898	4,477,588	3,948,325
Zamboanga Peninsula	3,367,180	3,367,170	3,300,235	3,396,300	3,394,269
Northern Mindanao	6,642,882	7,307,912	7,603,722	7,599,972	7,826,482
Davao Region	12,188,314	12,325,024	12,201,110	11,083,137	13,634,879
SOCCSKSARGEN	6,209,278	6,280,149	6,471,530	6,730,395	7,051,715
Caraga	3,280,040	3,005,060	3,091,916	2,850,516	2,771,240
ARMM	5,283,461	5,661,008	5,661,758	6,286,900	6,281,280
BEARING HILLS PER HECTARE					
PHILIPPINES	**423**	**427**	**427**	**432**	**443**
CAR	322	353	348	379	384
Ilocos Region	390	395	395	392	400
Cagayan Valley	596	546	526	503	520
Central Luzon	299	323	322	348	337
CALABARZON	282	306	296	297	311
MIMAROPA	414	415	413	464	464
Bicol Region	291	290	290	289	291
Western Visayas	407	409	409	410	414
Central Visayas	384	390	398	391	341
Eastern Visayas	295	295	306	306	289
Zamboanga Peninsula	401	394	386	398	397
Northern Mindanao	512	559	581	581	591
Davao Region	555	556	550	550	617
SOCCSKSARGEN	668	667	693	694	724
Caraga	348	341	342	329	335
ARMM	361	378	373	414	405
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**33.50**	**32.89**	**33.06**	**32.27**	**31.76**
CAR	21.08	18.85	19.46	18.62	17.43
Ilocos Region	16.54	16.32	17.13	17.43	17.32
Cagayan Valley	31.21	24.29	27.84	32.13	33.27
Central Luzon	38.24	34.77	35.01	34.50	34.33
CALABARZON	13.93	13.99	14.61	14.87	12.68
MIMAROPA	21.33	22.92	20.28	18.01	17.49
Bicol Region	14.75	15.02	15.48	15.72	14.15
Western Visayas	26.72	27.59	28.33	26.25	22.33
Central Visayas	24.83	26.42	26.37	24.37	29.10
Eastern Visayas	42.34	42.22	41.02	37.84	36.87
Zamboanga Peninsula	42.66	38.94	39.96	40.89	43.32
Northern Mindanao	40.55	39.85	38.74	38.90	38.64
Davao Region	47.54	47.26	46.83	43.98	38.34
SOCCSKSARGEN	51.78	53.25	53.85	53.00	52.35
Caraga	34.82	37.24	34.94	35.44	36.05
ARMM	24.86	23.68	24.12	23.16	25.34

R/ - Revised due to inclusion of Batanes data.

CALAMANSI

Calamansi production from 2010 to 2014 was on the downtrend by an average of 3.9 percent annually. In 2010, calamansi production reached 188.34 thousand mt and was down to 160.74 thousand mt in 2014. Area planted contracted by an average of 1.1 percent while the number of bearing trees reduced by an average of 1.1 percent annually during the five-year period (Figure 15).

Calamansi production in 2014 was 160.74 thousand mt or contracted by 2.0 percent from the 164.09 thousand mt output in 2013. Cutting of old trees in MIMAROPA and Cagayan Valley and the effects of typhoon Mario in Ilocos Region, typhoon Glenda in CALABARZON and Bicol Region, and typhoon Ruby in Eastern Visayas were contributors to the drop in production. Lesser and smaller fruits were harvested this year as reported in Western Visayas and Ilocos Region. Total area planted devoted to calamansi was 20.07 thousand hectares or down by 1.0 percent from the 2013 level of 20.26 thousand hectares. There were 8.74 million bearing trees reported in 2014.

Figure 15. Calamansi: Volume of Production, Area Planted and Number of Bearing Trees, Philippines, 2010-2014

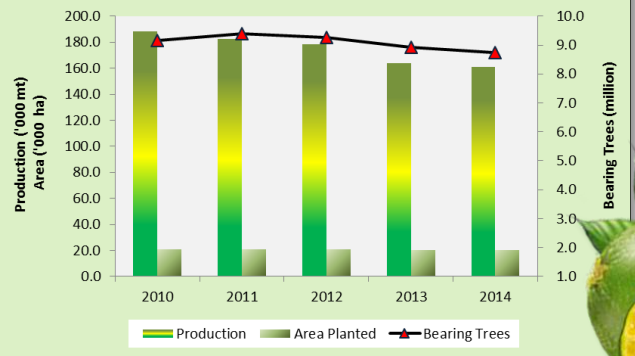
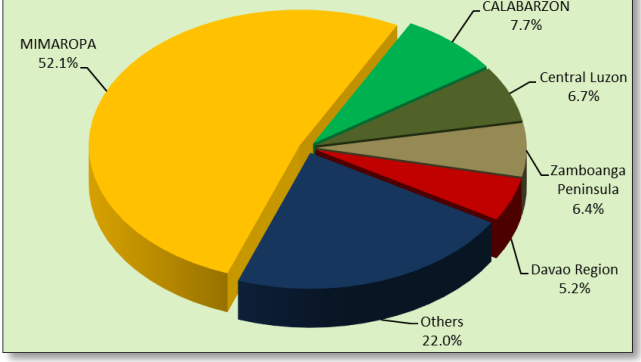


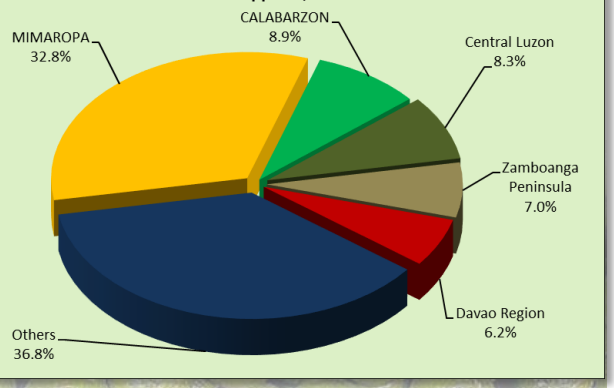
Figure 16. Calamansi: Top Producing Regions, Philippines, 2014



MIMAROPA remained the highest calamansi producing region and contributed 52.1 percent of the country's output in 2014. Its production reduced by 5.6 percent or 83.75 thousand mt from

last year's output of 88.75 thousand mt. CALABARZON and Central Luzon followed with a share of 7.7 percent and 6.7 percent, respectively (Figure 16). Being the highest calamansi producing region, subsequently, MIMAROPA posted the largest area planted to calamansi and highest number of bearing trees. It shared 32.8 percent (Figure 17) and 29.9 percent, respectively.

Figure 17. Calamansi: Distribution of Area Planted by Region, Philippines, 2014



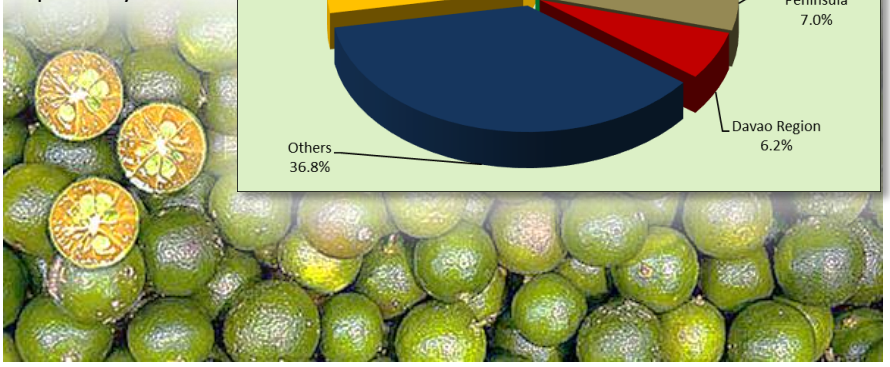


Table 3.2 CALAMANSI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**188,340**	**182,550**	**178,549**	**164,091**	**160,740**
CAR	421	419	420	418	445
Ilocos Region	3,312	3,340	3,370	3,437	3,409
Cagayan Valley	7,253	6,992	6,937	7,087	6,628
Central Luzon	10,301	10,225	10,366	10,396	10,717
CALABARZON	15,328	15,112	14,382	13,855	12,426
MIMAROPA	109,612	105,409	102,628	88,748	83,750
Bicol Region	2,287	2,238	2,176	2,112	1,845
Western Visayas	6,162	5,568	5,340	5,290	5,037
Central Visayas	1,159	1,106	1,117	1,093	1,131
Eastern Visayas	2,467	2,479	2,510	2,224	1,283
Zamboanga Peninsula	5,748	6,168	6,341	6,989	10,235
Northern Mindanao	1,295	1,286	1,314	1,341	2,041
Davao Region	10,062	9,290	8,838	8,136	8,286
SOCCSKSARGEN	6,777	6,885	7,120	7,365	7,579
Caraga	4,943	4,808	4,310	4,194	4,421
ARMM	1,213	1,227	1,379	1,407	1,509
Area (ha)					
PHILIPPINES	**20,987**	**21,141**	**20,843**	**20,262**	**20,065**
CAR	64	65	67	69	73
Ilocos Region	1,026	1,026	1,026	1,026	1,026
Cagayan Valley	1,182	1,168	1,188	1,207	1,225
Central Luzon	1,238	1,234	1,230	1,225	1,243
CALABARZON	1,480	1,726	1,756	1,734	1,661
MIMAROPA	7,977	7,989	7,663	6,862	6,579
Bicol Region	993	988	967	952	947
Western Visayas	934	919	899	878	841
Central Visayas	251	251	250	247	247
Eastern Visayas	196	197	205	205	177
Zamboanga Peninsula	1,087	1,092	1,079	1,077	1,037
Northern Mindanao	425	424	424	424	662
Davao Region	1,992	1,947	1,946	1,797	1,790
SOCCSKSARGEN	927	929	995	997	1,000
Caraga	1,066	1,037	997	1,412	1,408
ARMM	149	149	151	149	148
Yield Per Hectare (mt)					
PHILIPPINES	**8.97**	**8.63**	**8.57**	**8.10**	**8.01**
CAR	6.58	6.44	6.27	6.05	6.06
Ilocos Region	3.23	3.25	3.29	3.35	3.32
Cagayan Valley	6.14	5.99	5.84	5.87	5.41
Central Luzon	8.32	8.29	8.43	8.49	8.62
CALABARZON	10.36	8.76	8.19	7.99	7.48
MIMAROPA	13.74	13.19	13.39	12.93	12.73
Bicol Region	2.30	2.26	2.25	2.22	1.95
Western Visayas	6.60	6.06	5.94	6.02	5.99
Central Visayas	4.62	4.41	4.47	4.42	4.58
Eastern Visayas	12.59	12.57	12.22	10.83	7.25
Zamboanga Peninsula	5.29	5.65	5.88	6.49	9.87
Northern Mindanao	3.05	3.03	3.10	3.16	3.08
Davao Region	5.05	4.77	4.54	4.53	4.63
SOCCSKSARGEN	7.31	7.41	7.16	7.39	7.58
Caraga	4.64	4.64	4.32	2.97	3.14
ARMM	8.14	8.23	9.12	9.43	10.18

R/ - Revised due to inclusion of Batanes data.

Table 3.2a CALAMANSI: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**9,163,050**	**9,402,373**	**9,256,118**	**8,925,945**	**8,744,131**
CAR	33,009	32,966	33,116	34,210	34,759
Ilocos Region	403,617	404,362	405,972	405,746	405,714
Cagayan Valley	660,124	655,827	660,374	662,434	660,303
Central Luzon	526,515	526,682	528,044	526,724	517,167
CALABARZON	739,013	908,713	936,848	938,753	883,749
MIMAROPA	3,313,647	3,319,657	3,166,516	2,727,229	2,610,778
Bicol Region	224,097	223,097	215,471	212,651	211,798
Western Visayas	646,156	631,430	620,570	601,359	542,794
Central Visayas	113,795	114,245	103,849	102,073	100,312
Eastern Visayas	61,026	59,055	61,148	62,009	49,223
Zamboanga Peninsula	423,640	520,240	519,860	520,200	516,750
Northern Mindanao	134,947	138,244	138,512	138,712	211,712
Davao Region	1,000,671	974,405	971,720	909,719	905,390
SOCCSKSARGEN	454,198	470,800	473,024	490,437	499,983
Caraga	385,700	379,655	377,799	549,004	547,514
ARMM	42,895	42,995	43,295	44,685	46,185
BEARING TREES PER HECTARE					
PHILIPPINES	**437**	**445**	**444**	**441**	**436**
CAR	516	507	494	496	474
Ilocos Region	393	394	396	395	395
Cagayan Valley	558	562	556	549	539
Central Luzon	425	427	429	430	416
CALABARZON	499	526	534	541	532
MIMAROPA	415	416	413	397	397
Bicol Region	226	226	223	223	224
Western Visayas	692	687	690	685	645
Central Visayas	453	455	415	413	406
Eastern Visayas	311	299	298	302	278
Zamboanga Peninsula	390	476	482	483	498
Northern Mindanao	318	326	327	327	320
Davao Region	502	500	499	506	506
SOCCSKSARGEN	490	507	475	492	500
Caraga	362	366	379	389	389
ARMM	288	289	286	299	312
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**20.55**	**19.42**	**19.29**	**18.38**	**18.38**
CAR	12.75	12.70	12.69	12.21	12.79
Ilocos Region	8.21	8.26	8.30	8.47	8.40
Cagayan Valley	10.99	10.66	10.51	10.70	10.04
Central Luzon	19.57	19.41	19.63	19.74	20.72
CALABARZON	20.74	16.63	15.35	14.76	14.06
MIMAROPA	33.08	31.75	32.41	32.54	32.08
Bicol Region	10.21	10.03	10.10	9.93	8.71
Western Visayas	9.54	8.82	8.61	8.80	9.28
Central Visayas	10.18	9.68	10.75	10.70	11.27
Eastern Visayas	40.43	41.98	41.05	35.87	26.06
Zamboanga Peninsula	13.57	11.86	12.20	13.43	19.81
Northern Mindanao	9.59	9.30	9.48	9.67	9.64
Davao Region	10.06	9.53	9.10	8.94	9.15
SOCCSKSARGEN	14.92	14.62	15.05	15.02	15.16
Caraga	12.82	12.66	11.41	7.64	8.07
ARMM	28.27	28.54	31.85	31.48	32.67

R/ - Revised due to inclusion of Batanes data.

Table 3.3 DURIAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**77,548**	**58,969**	**85,961**	**91,212**	**80,334**
CAR					
Ilocos Region					
Cagayan Valley	2	46	46	42	28
Central Luzon		1	1	2	4
CALABARZON	79	47	49	52	41
MIMAROPA	14	15	16	16	16
Bicol Region					
Western Visayas	338	49	169	151	159
Central Visayas	17	1	1	7	7
Eastern Visayas	9	11	11	10	7
Zamboanga Peninsula	811	630	541	558	931
Northern Mindanao	2,151	1,981	2,057	2,165	2,156
Davao Region	55,606	50,851	67,800	70,064	62,769
SOCCSKSARGEN	3,455	3,738	3,950	4,796	5,064
Caraga	1,282	1,341	2,286	1,483	2,198
ARMM	13,785	259	9,034	11,867	6,953
Area (ha)					
PHILIPPINES	**18,838**	**19,001**	**19,392**	**16,366**	**16,542**
CAR					
Ilocos Region					
Cagayan Valley	3	3	3	3	3
Central Luzon		2	4	4	4
CALABARZON	34	34	37	37	37
MIMAROPA	30	33	33	35	36
Bicol Region					
Western Visayas	181	181	181	181	181
Central Visayas	18	19	19	20	22
Eastern Visayas	34	38	43	43	32
Zamboanga Peninsula	1,037	1,061	1,066	1,080	1,088
Northern Mindanao	1,419	1,419	1,425	1,426	1,432
Davao Region	11,409	11,510	11,540	8,083	8,238
SOCCSKSARGEN	1,828	1,847	1,930	2,192	2,204
Caraga	1,689	1,689	1,796	1,947	1,950
ARMM	1,156	1,165	1,315	1,315	1,315
Yield Per Hectare (mt)					
PHILIPPINES	**4.12**	**3.10**	**4.43**	**5.57**	**4.86**
CAR					
Ilocos Region					
Cagayan Valley	0.67	15.23	15.38	14.01	9.44
Central Luzon		0.60	0.34	0.54	0.98
CALABARZON	2.32	1.38	1.35	1.41	1.12
MIMAROPA	0.47	0.44	0.48	0.45	0.44
Bicol Region					
Western Visayas	1.87	0.27	0.93	0.84	0.88
Central Visayas	0.98	0.05	0.06	0.33	0.32
Eastern Visayas	0.25	0.28	0.25	0.23	0.23
Zamboanga Peninsula	0.78	0.59	0.51	0.52	0.86
Northern Mindanao	1.52	1.40	1.44	1.52	1.51
Davao Region	4.87	4.42	5.88	8.67	7.62
SOCCSKSARGEN	1.89	2.02	2.05	2.19	2.30
Caraga	0.76	0.79	1.27	0.76	1.13
ARMM	11.92	0.22	6.87	9.02	5.29

Table 3.3a DURIAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
BEARING TREES (no.)					
PHILIPPINES	**774,772**	**724,450**	**1,198,341**	**1,217,555**	**1,230,336**
CAR					
Ilocos Region					
Cagayan Valley					260
Central Luzon		120	180	235	320
CALABARZON	2,035	2,038	2,041	2,070	2,060
MIMAROPA	1,474	1,609	1,698	1,701	1,701
Bicol Region					
Western Visayas	5,062	5,112	5,112	5,137	5,300
Central Visayas	690	690	698	698	720
Eastern Visayas	280	483	522	522	432
Zamboanga Peninsula	21,379	22,379	22,800	24,145	26,926
Northern Mindanao	62,324	62,931	64,935	65,160	65,615
Davao Region	492,121	431,791	870,742	812,026	810,932
SOCCSKSARGEN	85,400	93,510	97,340	106,970	110,365
Caraga	41,805	41,495	69,986	136,441	134,530
ARMM	62,202	62,292	62,287	62,450	71,175
BEARING TREES PER HECTARE					
PHILIPPINES	**437**	**445**	**444**	**441**	**436**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon		60	45	56	80
CALABARZON	60	60	56	56	56
MIMAROPA	49	49	51	49	47
Bicol Region					
Western Visayas	28	28	28	28	29
Central Visayas	39	37	37	35	33
Eastern Visayas	8	13	12	12	14
Zamboanga Peninsula	21	21	21	22	25
Northern Mindanao	44	44	46	46	46
Davao Region	43	38	75	100	98
SOCCSKSARGEN	47	51	50	49	50
Caraga	25	25	39	70	69
ARMM	54	53	47	47	54
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**100.09**	**81.40**	**71.73**	**74.91**	**65.29**
CAR					
Ilocos Region					
Cagayan Valley					108.96
Central Luzon		10.00	7.50	9.57	12.19
CALABARZON	38.73	23.00	24.17	25.13	20.12
MIMAROPA	9.62	9.02	9.26	9.32	9.24
Bicol Region					
Western Visayas	66.78	9.59	32.97	29.46	30.06
Central Visayas	24.82	1.46	1.51	9.31	9.71
Eastern Visayas	30.50	22.05	20.94	18.57	17.01
Zamboanga Peninsula	37.94	28.16	23.75	23.13	34.58
Northern Mindanao	34.51	31.48	31.68	33.22	32.86
Davao Region	112.99	117.77	77.86	86.28	77.40
SOCCSKSARGEN	40.46	39.97	40.58	44.83	45.89
Caraga	30.66	32.33	32.66	10.87	16.34
ARMM	221.62	4.15	145.03	190.02	97.69

Table 3.4 LANZONES: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**49,500**	**4,256**	**14,190**	**35,207**	**13,899**
CAR	17	12	16	39	46
Ilocos Region	1	1	2	3	6
Cagayan Valley	85	60	53	48	49
Central Luzon	12	9	11	11	12
CALABARZON	1,007	638	1,600	1,675	1,244
MIMAROPA	157	150	151	161	154
Bicol Region	8	8	8	8	8
Western Visayas	547	356	474	471	482
Central Visayas	162	35	59	78	66
Eastern Visayas	720	151	152	158	136
Zamboanga Peninsula	11,652	35	47	84	1,853
Northern Mindanao	4,779	1,072	5,398	5,519	4,577
Davao Region	3,952	1,283	1,087	581	640
SOCCSKSARGEN	931	215	353	457	718
Caraga	194	60	56	195	319
ARMM	25,278	171	4,724	25,719	3,589
Area (ha)					
PHILIPPINES	**20,505**	**20,586**	**20,663**	**19,940**	**19,936**
CAR	26	26	28	31	38
Ilocos Region	8	10	10	13	14
Cagayan Valley	27	26	28	28	28
Central Luzon	6	8	9	11	13
CALABARZON	4,321	4,321	4,423	4,326	4,326
MIMAROPA	325	329	329	346	348
Bicol Region	34	35	35	35	35
Western Visayas	486	486	487	487	463
Central Visayas	98	103	106	109	110
Eastern Visayas	187	187	192	193	157
Zamboanga Peninsula	1,936	1,960	1,965	1,971	1,977
Northern Mindanao	3,345	3,335	3,341	3,343	3,350
Davao Region	2,123	2,143	2,144	1,178	1,176
SOCCSKSARGEN	1,318	1,347	1,298	1,302	1,307
Caraga	832	828	823	1,123	1,150
ARMM	5,433	5,443	5,446	5,446	5,446
Yield Per Hectare (mt)					
PHILIPPINES	**2.41**	**0.21**	**0.69**	**1.77**	**0.70**
CAR	0.64	0.47	0.56	1.24	1.22
Ilocos Region	0.16	0.14	0.15	0.21	0.41
Cagayan Valley	3.14	2.29	1.91	1.74	1.77
Central Luzon	1.99	1.19	1.26	1.05	0.89
CALABARZON	0.23	0.15	0.36	0.39	0.29
MIMAROPA	0.48	0.45	0.46	0.46	0.44
Bicol Region	0.24	0.23	0.23	0.23	0.22
Western Visayas	1.13	0.73	0.97	0.97	1.04
Central Visayas	1.65	0.34	0.55	0.72	0.61
Eastern Visayas	3.85	0.81	0.79	0.82	0.87
Zamboanga Peninsula	6.02	0.02	0.02	0.04	0.94
Northern Mindanao	1.43	0.32	1.62	1.65	1.37
Davao Region	1.86	0.60	0.51	0.49	0.54
SOCCSKSARGEN	0.71	0.16	0.27	0.35	0.55
Caraga	0.23	0.07	0.07	0.17	0.28
ARMM	4.65	0.03	0.87	4.72	0.66

Table 3.4a LANZONES: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
BEARING TREES (no.)					
PHILIPPINES	**2,131,196**	**2,135,939**	**2,152,195**	**2,100,654**	**2,147,530**
CAR	2,055	2,065	2,260	3,360	4,900
Ilocos Region	183	190	190	240	318
Cagayan Valley	2,490	2,490	2,552	2,472	2,477
Central Luzon	1,912	1,930	2,035	2,169	2,620
CALABARZON	492,226	493,640	501,240	499,760	597,200
MIMAROPA	10,832	11,570	12,494	12,624	12,599
Bicol Region	4,319	4,452	4,462	4,481	4,502
Western Visayas	41,302	41,307	41,377	41,387	39,524
Central Visayas	20,399	23,127	21,515	22,093	22,283
Eastern Visayas	13,379	13,597	13,634	13,757	11,796
Zamboanga Peninsula	142,605	142,785	143,100	144,115	144,245
Northern Mindanao	303,835	303,540	305,620	306,220	306,210
Davao Region	299,868	299,715	299,882	210,696	154,986
SOCCSKSARGEN	79,750	79,770	81,859	84,660	85,905
Caraga	22,520	22,240	26,600	59,250	59,600
ARMM	693,521	693,521	693,375	693,370	698,365
BEARING TREES PER HECTARE					
PHILIPPINES	**104**	**104**	**104**	**105**	**108**
CAR	79	79	81	108	129
Ilocos Region	23	19	19	19	24
Cagayan Valley	92	96	93	90	90
Central Luzon	319	257	226	203	202
CALABARZON	114	114	113	116	138
MIMAROPA	33	35	38	36	36
Bicol Region	127	127	127	128	129
Western Visayas	85	85	85	85	85
Central Visayas	208	225	203	203	203
Eastern Visayas	72	73	71	71	75
Zamboanga Peninsula	74	73	73	73	73
Northern Mindanao	91	91	91	92	91
Davao Region	141	140	140	179	132
SOCCSKSARGEN	61	59	63	65	66
Caraga	27	27	32	53	52
ARMM	128	127	127	127	128
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**23.23**	**1.99**	**6.59**	**16.76**	**6.47**
CAR	8.08	5.86	6.88	11.46	9.44
Ilocos Region	6.89	7.42	7.97	10.81	17.51
Cagayan Valley	34.04	23.93	20.64	19.36	19.63
Central Luzon	6.26	4.64	5.57	5.16	4.44
CALABARZON	2.05	1.29	3.19	3.35	2.08
MIMAROPA	14.45	12.93	12.12	12.73	12.23
Bicol Region	1.88	1.79	1.82	1.80	1.71
Western Visayas	13.24	8.63	11.46	11.39	12.19
Central Visayas	7.94	1.51	2.73	3.54	2.98
Eastern Visayas	53.78	11.12	11.13	11.51	11.57
Zamboanga Peninsula	81.71	0.25	0.33	0.58	12.85
Northern Mindanao	15.73	3.53	17.66	18.02	14.95
Davao Region	13.18	4.28	3.62	2.76	4.13
SOCCSKSARGEN	11.67	2.69	4.31	5.40	8.36
Caraga	8.61	2.72	2.11	3.29	5.36
ARMM	36.45	0.25	6.81	37.09	5.14

R/ - Revised due to inclusion of Batanes data.

Table 3.5 MANDARIN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**18,783**	**17,697**	**16,755**	**15,287**	**14,045**
CAR	796	797	808	846	890
Ilocos Region	11	11	12	12	12
Cagayan Valley	8,155	7,634	7,332	6,829	6,166
Central Luzon	1,164	1,008	903	725	641
CALABARZON	4,904	4,746	4,656	4,170	3,787
MIMAROPA	430	431	418	377	354
Bicol Region	824	831	844	844	820
Western Visayas	59	50	49	54	41
Central Visayas	87	79	61	52	54
Eastern Visayas	30	29	29	29	21
Zamboanga Peninsula	14	6	6	1	0
Northern Mindanao	153	116	75	71	64
Davao Region	1,827	1,682	1,495	1,216	1,134
SOCCSKSARGEN	66	56	50	48	47
Caraga	37	17	12	10	9
ARMM	226	205	5	4	4
Area (ha)					
PHILIPPINES	**9,289**	**9,107**	**9,113**	**9,009**	**8,982**
CAR	177	177	185	197	204
Ilocos Region	20	20	21	21	23
Cagayan Valley	1,483	1,473	1,475	1,482	1,469
Central Luzon	401	396	392	382	373
CALABARZON	2,150	2,148	2,168	2,153	2,200
MIMAROPA	692	693	693	673	653
Bicol Region	1,741	1,720	1,720	1,720	1,720
Western Visayas	47	47	46	54	38
Central Visayas	43	43	33	32	26
Eastern Visayas	39	40	40	38	31
Zamboanga Peninsula	15	10	10	10	10
Northern Mindanao	35	28	28	26	25
Davao Region	656	627	623	559	549
SOCCSKSARGEN	19	19	18	17	16
Caraga	50	46	44	29	29
ARMM	1,721	1,620	1,618	1,617	1,617
Yield Per Hectare (mt)					
PHILIPPINES	**2.02**	**1.94**	**1.84**	**1.70**	**1.56**
CAR	4.50	4.50	4.37	4.29	4.36
Ilocos Region	0.56	0.57	0.55	0.56	0.52
Cagayan Valley	5.50	5.18	4.97	4.61	4.20
Central Luzon	2.90	2.55	2.31	1.90	1.72
CALABARZON	2.28	2.21	2.15	1.94	1.72
MIMAROPA	0.62	0.62	0.60	0.56	0.54
Bicol Region	0.47	0.48	0.49	0.49	0.48
Western Visayas	1.25	1.07	1.07	0.99	1.10
Central Visayas	2.02	1.84	1.86	1.64	2.09
Eastern Visayas	0.78	0.73	0.74	0.75	0.68
Zamboanga Peninsula	0.92	0.59	0.65	0.14	0.04
Northern Mindanao	4.36	4.13	2.69	2.73	2.56
Davao Region	2.79	2.68	2.40	2.18	2.07
SOCCSKSARGEN	3.49	3.00	2.78	2.91	2.85
Caraga	0.73	0.36	0.27	0.34	0.31
ARMM	0.13	0.13	0.00	0.00	0.00

R/ - Revised due to inclusion of Batanes data.

Table 3.5a MANDARIN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**1,161,392**	**1,141,417**	**1,129,747**	**1,126,937**	**1,076,437**
CAR	17,595	17,450	19,895	25,195	27,638
Ilocos Region	3,608	3,608	3,583	3,583	3,583
Cagayan Valley	287,712	281,702	281,147	280,955	280,360
Central Luzon	85,730	84,750	81,455	80,023	77,555
CALABARZON	172,105	174,755	177,055	176,355	174,955
MIMAROPA	57,570	57,620	57,620	55,960	34,422
Bicol Region	181,786	178,578	178,476	178,688	179,412
Western Visayas	4,776	4,786	4,734	5,402	3,604
Central Visayas	4,838	5,258	4,215	4,555	3,915
Eastern Visayas	1,721	1,753	1,760	1,753	1,407
Zamboanga Peninsula	1,960	1,310	1,310	1,300	1,300
Northern Mindanao	4,365	3,970	3,970	3,885	3,785
Davao Region	140,671	135,237	134,376	130,184	106,167
SOCCSKSARGEN	2,105	1,935	1,815	1,746	1,621
Caraga	6,565	5,865	4,996	4,103	3,503
ARMM	188,285	182,840	173,340	173,250	173,210
BEARING TREES PER HECTARE					
PHILIPPINES	**125**	**125**	**124**	**125**	**120**
CAR	99	99	108	128	135
Ilocos Region	180	180	167	167	156
Cagayan Valley	194	191	191	190	191
Central Luzon	214	214	208	210	208
CALABARZON	80	81	82	82	80
MIMAROPA	83	83	83	83	53
Bicol Region	104	104	104	104	104
Western Visayas	102	102	103	100	96
Central Visayas	113	122	128	142	151
Eastern Visayas	44	44	44	46	45
Zamboanga Peninsula	131	131	131	130	130
Northern Mindanao	125	142	142	149	151
Davao Region	214	216	216	233	193
SOCCSKSARGEN	111	103	101	106	99
Caraga	131	128	114	143	122
ARMM	109	113	107	107	107
YIELD PER BEARING TREE (					
PHILIPPINES	**16.17**	**15.50**	**14.83**	**13.57**	**13.05**
CAR	45.26	45.66	40.60	33.56	32.20
Ilocos Region	3.12	3.17	3.29	3.33	3.36
Cagayan Valley	28.34	27.10	26.08	24.31	21.99
Central Luzon	13.57	11.89	11.09	9.06	8.26
CALABARZON	28.49	27.16	26.30	23.65	21.65
MIMAROPA	7.48	7.48	7.25	6.73	10.28
Bicol Region	4.53	4.65	4.73	4.72	4.57
Western Visayas	12.31	10.46	10.43	9.91	11.45
Central Visayas	17.99	15.05	14.57	11.51	13.85
Eastern Visayas	17.71	16.73	16.66	16.26	15.09
Zamboanga Peninsula	7.01	4.47	4.95	1.08	0.27
Northern Mindanao	34.98	29.10	18.94	18.28	16.88
Davao Region	12.99	12.44	11.12	9.34	10.68
SOCCSKSARGEN	31.53	29.06	27.55	27.51	28.91
Caraga	5.58	2.82	2.36	2.36	2.54
ARMM	1.20	1.12	0.03	0.02	0.03

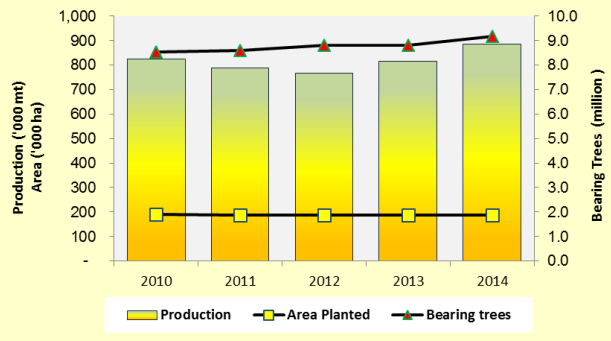
R/ - Revised due to inclusion of Batanes data.

MANGO

During the period 2010 to 2014, mango production grew by an average of 1.9 percent annually. From the 2010 level, production dropped in 2011 and 2012 and bounced back in the last two (2) years. During the period, area planted slowed down by an average annual rate of 0.2 percent (Figure 18). Yield improved to 4.71 mt per hectare in 2014 from the 4.36 mt in 2010. The bearing trees went up by an average of 1.9 percent annually in the last five (5) years.

Mango production in 2014 reached 885.04 thousand mt or 8.4 percent more than the 2013 level of 816.38 thousand mt. Production gains benefitted from the increases in the number of bearing trees in Ilocos Norte, MIMAROPA, Northern Mindanao and Davao Region; increased fruiting capacity in Ilocos Region, MIMAROPA and Bicol and less incidence of pest and diseases in CALABARZON and Northern Mindanao. Weather favored during flowering and fruiting stage as observed in Cagayan Valley, Central Visayas, Davao Region and SOCCSKSARGEN. Induction of more trees in Northern Mindanao and Caraga enhanced the production in 2014. In the same year, area planted to mango expanded by 0.1 percent and the number of bearing trees by 4.4 percent.

Figure 18. Mango: Volume of Production, Area Planted and Bearing Trees, Philippines, 2010-2014



Ilocos Region remained the top mango producing region and shared 30.6 percent

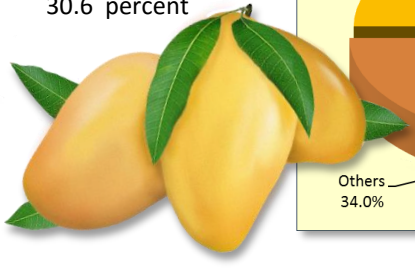
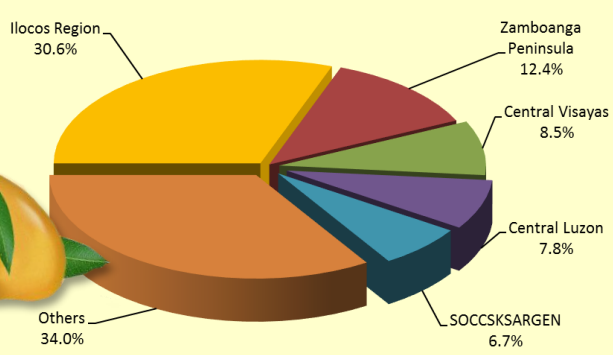


Figure 19. Mango: Top Producing Regions, Philippines, 2014



of the country's output in 2014. Zamboanga Peninsula followed as the second highest producer and contributed 12.4 percent to the total mango production (Figure 19). Central Luzon posted the largest area planted to mango with 18.1 percent (Figure 20) contribution to the national total area planted. The province recorded the highest in terms of the number of bearing trees and shared 20.2 percent of the country's total number of bearing trees. SOCCSKSARGEN shared 10.9 percent while CALABARZON contributed 10.8 percent of the total number of trees, as the second highest.

Figure 20. Mango: Distribution of Area Planted by Region, Philippines, 2014

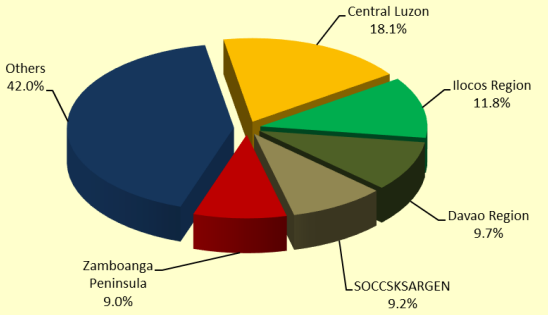
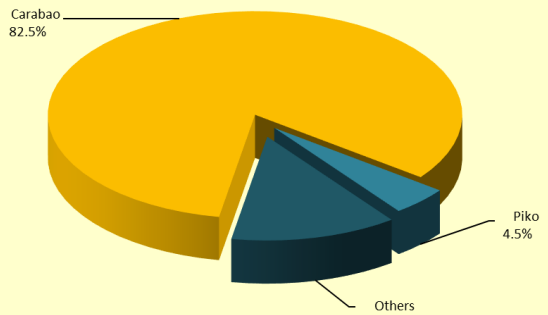


Figure 21. Mango: Percent Distribution by Variety, Philippines, 2014



Carabao variety. Production of carabao variety from 2010 to 2014 showed an increment by an average annual rate of 2.3 percent. Area planted during the period dropped by an average of 0.02 percent annually. The number of bearing trees during the period increased annually by an average rate of 2.6 percent. Yield improved to 4.97 mt per hectare in 2014 from the 4.55 mt in 2010.

The 2014 increment of carabao mango production was 8.7 percent or 730.14 thousand mt from the previous year's level of 671.93 thousand mt. Carabao variety represented 82.5 percent and the growth driver of the total mango production (Figure 21). Area planted to carabao variety expanded by 0.3 percent while number of

bearing trees increased by 5.9 percent compared to the level in 2013.

Carabao variety produced in Ilocos Region contributed 31.8 percent of the national carabao variety production. Its production ballooned by 4.9 percent or 231.81 thousand mt from the 221.05 thousand mt output in 2013. Zamboanga Peninsula shared 11.9 percent and Central Visayas shared 9.4 percent which ranked second and third highest producing regions. These three (3) regions comprised 53.1 percent of the national carabao variety production. Central Luzon posted the largest area with 17.2 percent of the total area planted to carabao variety. The other regions with large areas included Ilocos Region, Davao Region and SOCCSKSARGEN and accounted for 33.7 percent of the country's area planted to carabao variety. Central Luzon reported the highest number of bearing trees and contributed 19.3 percent of the country's total number of trees.

Table 3.6 MANGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, HILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**825,676**	**788,074**	**768,410**	**816,378**	**885,038**
CAR	3,721	3,709	3,318	3,422	3,610
Ilocos Region	290,975	276,661	265,163	260,524	271,091
Cagayan Valley	58,781	46,439	34,920	47,962	53,691
Central Luzon	64,401	64,053	59,828	70,500	68,966
CALABARZON	44,914	58,628	55,215	54,291	59,474
MIMAROPA	9,551	9,582	9,805	10,162	11,838
Bicol Region	1,516	1,398	1,474	1,532	1,592
Western Visayas	50,447	45,344	45,868	47,949	44,507
Central Visayas	71,021	65,001	67,655	71,584	75,054
Eastern Visayas	902	885	883	848	518
Zamboanga Peninsula	74,025	78,411	80,866	92,445	109,534
Northern Mindanao	37,593	35,521	38,169	44,695	45,224
Davao Region	33,908	29,730	31,803	32,172	53,668
SOCCSKSARGEN	56,264	52,330	53,405	55,052	59,712
Caraga	15,520	12,156	12,607	15,562	15,700
ARMM	12,138	8,226	7,431	7,680	10,860
Area (ha)					
PHILIPPINES	**189,437**	**187,073**	**188,718**	**187,939**	**188,092**
CAR	792	794	766	779	782
Ilocos Region	21,204	21,341	21,585	22,118	22,269
Cagayan Valley	10,496	10,002	10,046	10,410	10,417
Central Luzon	33,714	33,678	34,297	34,360	34,108
CALABARZON	14,773	14,777	14,557	14,185	14,185
MIMAROPA	3,871	3,852	3,834	3,829	3,817
Bicol Region	2,872	2,870	2,870	2,851	2,859
Western Visayas	11,392	10,327	10,343	9,869	10,016
Central Visayas	12,562	12,568	12,582	12,586	11,969
Eastern Visayas	883	884	910	910	736
Zamboanga Peninsula	16,679	16,800	16,914	16,862	16,981
Northern Mindanao	9,597	8,751	8,742	8,722	8,721
Davao Region	17,982	17,761	18,043	17,439	18,296
SOCCSKSARGEN	16,727	16,898	16,815	17,423	17,351
Caraga	3,383	3,257	3,454	2,633	2,623
ARMM	12,510	12,513	12,962	12,965	12,964
Yield Per Hectare (mt)					
PHILIPPINES	**4.36**	**4.21**	**4.07**	**4.34**	**4.71**
CAR	4.70	4.67	4.33	4.39	4.62
Ilocos Region	13.72	12.96	12.28	11.78	12.17
Cagayan Valley	5.60	4.64	3.48	4.61	5.15
Central Luzon	1.91	1.90	1.74	2.05	2.02
CALABARZON	3.04	3.97	3.79	3.83	4.19
MIMAROPA	2.47	2.49	2.56	2.65	3.10
Bicol Region	0.53	0.49	0.51	0.54	0.56
Western Visayas	4.43	4.39	4.43	4.86	4.44
Central Visayas	5.65	5.17	5.38	5.69	6.27
Eastern Visayas	1.02	1.00	0.97	0.93	0.70
Zamboanga Peninsula	4.44	4.67	4.78	5.48	6.45
Northern Mindanao	3.92	4.06	4.37	5.12	5.19
Davao Region	1.89	1.67	1.76	1.84	2.93
SOCCSKSARGEN	3.36	3.10	3.18	3.16	3.44
Caraga	4.59	3.73	3.65	5.91	5.99
ARMM	0.97	0.66	0.57	0.59	0.84

R/ - Revised due to inclusion of Batanes data.

Table 3.6a MANGO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**8,526,816**	**8,606,709**	**8,800,420**	**8,798,779**	**9,188,864**
CAR	34,530	35,351	34,186	35,378	36,211
Ilocos Region	786,388	784,621	785,745	786,454	794,056
Cagayan Valley	895,722	961,794	966,045	966,183	965,669
Central Luzon	1,641,018	1,679,048	1,828,166	1,854,813	1,851,168
CALABARZON	889,503	890,733	865,603	793,123	988,933
MIMAROPA	213,084	212,306	212,147	212,107	211,855
Bicol Region	64,176	64,042	64,313	65,953	66,531
Western Visayas	502,513	478,669	478,112	416,735	409,396
Central Visayas	570,854	572,501	574,825	575,164	571,816
Eastern Visayas	21,599	22,512	22,899	23,022	18,616
Zamboanga Peninsula	912,521	915,190	919,289	922,934	924,357
Northern Mindanao	424,839	425,655	436,751	439,882	451,653
Davao Region	329,929	314,637	311,318	294,050	447,233
SOCCSKSARGEN	908,620	920,845	938,744	973,527	997,727
Caraga	100,330	97,640	131,111	203,588	203,425
ARMM	231,191	231,166	231,166	235,865	250,218
BEARING TREES PER HECTARE					
PHILIPPINES	**45**	**46**	**47**	**47**	**49**
CAR	44	45	45	45	46
Ilocos Region	37	37	36	36	36
Cagayan Valley	85	96	96	93	93
Central Luzon	49	50	53	54	54
CALABARZON	60	60	59	56	70
MIMAROPA	55	55	55	55	56
Bicol Region	22	22	22	23	23
Western Visayas	44	46	46	42	41
Central Visayas	45	46	46	46	48
Eastern Visayas	24	25	25	25	25
Zamboanga Peninsula	55	54	54	55	54
Northern Mindanao	44	49	50	50	52
Davao Region	18	18	17	17	24
SOCCSKSARGEN	54	54	56	56	58
Caraga	30	30	38	77	78
ARMM	18	18	18	18	19
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**96.83**	**91.57**	**87.32**	**92.78**	**96.32**
CAR	107.77	104.92	97.05	96.72	99.69
Ilocos Region	370.01	352.60	337.47	331.26	341.40
Cagayan Valley	65.62	48.28	36.15	49.64	55.60
Central Luzon	39.24	38.15	32.73	38.01	37.26
CALABARZON	50.49	65.82	63.79	68.45	60.14
MIMAROPA	44.82	45.13	46.22	47.91	55.88
Bicol Region	23.62	21.84	22.92	23.23	23.93
Western Visayas	100.39	94.73	95.94	115.06	108.71
Central Visayas	124.41	113.54	117.70	124.46	131.26
Eastern Visayas	41.78	39.30	38.55	36.81	27.80
Zamboanga Peninsula	81.12	85.68	87.97	100.16	118.50
Northern Mindanao	88.49	83.45	87.39	101.61	100.13
Davao Region	102.77	94.49	102.16	109.41	120.00
SOCCSKSARGEN	61.92	56.83	56.89	56.55	59.85
Caraga	154.69	124.50	96.15	76.44	77.18
ARMM	52.50	35.59	32.15	32.56	43.40

R/ - Revised due to inclusion of Batanes data.

Table 3.6.1 CARABAO MANGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**669,520**	**638,954**	**630,596**	**671,929**	**730,140**
CAR	3,616	3,595	3,204	3,283	3,465
Ilocos Region	252,694	238,222	226,938	221,047	231,810
Cagayan Valley	42,591	32,501	26,461	37,066	40,672
Central Luzon	49,576	49,781	46,763	56,566	54,237
CALABARZON	26,758	39,108	37,207	36,266	39,048
MIMAROPA	6,025	6,103	6,286	6,553	7,997
Bicol Region	285	238	261	264	287
Western Visayas	46,937	41,551	42,021	43,994	40,587
Central Visayas	65,276	59,895	62,246	65,635	68,648
Eastern Visayas	460	449	448	438	228
Zamboanga Peninsula	55,912	60,610	62,956	74,043	87,190
Northern Mindanao	34,613	32,662	35,274	41,756	42,258
Davao Region	27,201	23,953	26,460	26,921	48,205
SOCCSKSARGEN	44,413	41,048	42,317	43,896	48,121
Caraga	10,940	9,040	9,485	12,045	12,315
ARMM	2,221	199	2,271	2,157	5,072
Area (ha)					
PHILIPPINES	**147,026**	**145,518**	**146,873**	**146,457**	**146,915**
CAR	699	699	669	677	680
Ilocos Region	16,500	16,758	17,008	17,550	17,704
Cagayan Valley	6,872	6,793	6,795	7,157	7,188
Central Luzon	24,864	24,863	25,172	25,413	25,217
CALABARZON	10,506	10,507	10,507	10,299	10,299
MIMAROPA	2,030	2,025	2,024	2,033	2,044
Bicol Region	1,112	1,112	1,112	1,112	1,115
Western Visayas	10,265	9,180	9,186	8,672	8,856
Central Visayas	10,458	10,463	10,474	10,478	9,870
Eastern Visayas	590	591	613	613	482
Zamboanga Peninsula	13,124	13,303	13,445	13,410	13,539
Northern Mindanao	8,274	7,428	7,428	7,428	7,448
Davao Region	15,636	15,546	15,749	15,198	16,060
SOCCSKSARGEN	15,055	15,218	15,161	15,751	15,752
Caraga	2,353	2,341	2,399	1,532	1,525
ARMM	8,688	8,691	9,132	9,134	9,137
Yield Per Hectare (mt)					
PHILIPPINES	**4.55**	**4.39**	**4.29**	**4.59**	**4.97**
CAR	5.17	5.14	4.79	4.85	5.10
Ilocos Region	15.31	14.22	13.34	12.59	13.09
Cagayan Valley	6.20	4.78	3.89	5.18	5.66
Central Luzon	1.99	2.00	1.86	2.23	2.15
CALABARZON	2.55	3.72	3.54	3.52	3.79
MIMAROPA	2.97	3.01	3.11	3.22	3.91
Bicol Region	0.26	0.21	0.23	0.24	0.26
Western Visayas	4.57	4.53	4.57	5.07	4.58
Central Visayas	6.24	5.72	5.94	6.26	6.96
Eastern Visayas	0.78	0.76	0.73	0.71	0.47
Zamboanga Peninsula	4.26	4.56	4.68	5.52	6.44
Northern Mindanao	4.18	4.40	4.75	5.62	5.67
Davao Region	1.74	1.54	1.68	1.77	3.00
SOCCSKSARGEN	2.95	2.70	2.79	2.79	3.05
Caraga	4.65	3.86	3.95	7.86	8.08
ARMM	0.26	0.02	0.25	0.24	0.56

R/ - Revised due to inclusion of Batanes data.

Table 3.6.1a CARABAO MANGO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**6,228,015**	**6,333,898**	**6,531,308**	**6,499,493**	**6,884,636**
CAR	30,291	30,116	28,856	29,486	30,102
Ilocos Region	541,887	543,765	544,978	547,447	555,071
Cagayan Valley	508,914	584,015	584,111	584,149	588,089
Central Luzon	1,145,970	1,187,828	1,334,224	1,345,551	1,330,969
CALABARZON	659,473	660,323	660,623	595,093	790,463
MIMAROPA	104,583	104,526	104,952	105,597	106,148
Bicol Region	9,874	9,910	10,037	10,037	10,127
Western Visayas	453,842	428,162	429,429	368,675	364,183
Central Visayas	475,755	477,402	477,808	478,205	475,835
Eastern Visayas	10,488	11,336	11,679	11,853	10,081
Zamboanga Peninsula	720,410	724,450	732,310	731,870	732,965
Northern Mindanao	366,545	368,361	378,151	380,651	392,711
Davao Region	241,279	232,026	232,360	218,485	368,190
SOCCSKSARGEN	767,374	779,938	797,509	834,316	861,360
Caraga	58,370	58,755	71,276	121,213	121,213
ARMM	132,960	132,985	133,005	136,865	147,129
BEARING TREES PER HECTARE					
PHILIPPINES	**42**	**44**	**44**	**44**	**47**
CAR	43	43	43	44	44
Ilocos Region	33	32	32	31	31
Cagayan Valley	74	86	86	82	82
Central Luzon	46	48	53	53	53
CALABARZON	63	63	63	58	77
MIMAROPA	52	52	52	52	52
Bicol Region	9	9	9	9	9
Western Visayas	44	47	47	43	41
Central Visayas	45	46	46	46	48
Eastern Visayas	18	19	19	19	21
Zamboanga Peninsula	55	54	54	55	54
Northern Mindanao	44	50	51	51	53
Davao Region	15	15	15	14	23
SOCCSKSARGEN	51	51	53	53	55
Caraga	25	25	30	79	79
ARMM	15	15	15	15	16
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**107.50**	**100.88**	**96.55**	**103.38**	**106.05**
CAR	119.36	119.37	111.05	111.35	115.12
Ilocos Region	466.32	438.10	416.42	403.78	417.62
Cagayan Valley	83.69	55.65	45.30	63.45	69.16
Central Luzon	43.26	41.91	35.05	42.04	40.75
CALABARZON	40.58	59.23	56.32	60.94	49.40
MIMAROPA	57.61	58.39	59.89	62.05	75.34
Bicol Region	28.89	23.97	25.98	26.26	28.39
Western Visayas	103.42	97.05	97.85	119.33	111.45
Central Visayas	137.21	125.46	130.27	137.25	144.27
Eastern Visayas	43.88	39.60	38.33	36.93	22.57
Zamboanga Peninsula	77.61	83.66	85.97	101.17	118.95
Northern Mindanao	94.43	88.67	93.28	109.70	107.60
Davao Region	112.74	103.23	113.87	123.21	130.92
SOCCSKSARGEN	57.88	52.63	53.06	52.61	55.87
Caraga	187.42	153.86	133.08	99.37	101.60
ARMM	16.71	1.50	17.08	15.76	34.47

R/ - Revised due to inclusion of Batanes data.

Table 3.7 MANGOSTEEN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**5,553**	**683**	**3,209**	**3,303**	**2,686**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	56	48	43	54	35
MIMAROPA	1	1	1	1	2
Bicol Region					
Western Visayas	235	22	31	23	28
Central Visayas	12	8	10	11	10
Eastern Visayas					
Zamboanga Peninsula	954	24	288	25	146
Northern Mindanao	184	69	66	67	60
Davao Region	701	480	364	302	448
SOCCSKSARGEN	835	12	374	710	842
Caraga	16	5	38	63	57
ARMM	2,558	15	1,996	2,048	1,057
Area (ha)					
PHILIPPINES	**2,287**	**2,313**	**2,409**	**2,464**	**2,523**
CAR					
Ilocos Region	1	1	1	1	1
Cagayan Valley	5	5	5	5	5
Central Luzon					
CALABARZON	10	10	10	11	11
MIMAROPA	5	5	5	5	7
Bicol Region					
Western Visayas	171	171	171	171	171
Central Visayas	22	25	22	22	22
Eastern Visayas					
Zamboanga Peninsula	443	443	452	460	469
Northern Mindanao	58	58	58	59	64
Davao Region	352	363	367	285	293
SOCCSKSARGEN	261	263	273	284	289
Caraga	33	43	109	225	257
ARMM	926	926	936	935	935
Yield Per Hectare (mt)					
PHILIPPINES	**2.43**	**0.30**	**1.33**	**1.34**	**1.06**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	5.59	4.80	4.28	4.90	3.20
MIMAROPA	0.24	0.23	0.22	0.22	0.29
Bicol Region					
Western Visayas	1.37	0.13	0.18	0.13	0.16
Central Visayas	0.53	0.33	0.44	0.49	0.45
Eastern Visayas					
Zamboanga Peninsula	2.15	0.05	0.64	0.05	0.31
Northern Mindanao	3.16	1.18	1.13	1.12	0.94
Davao Region	1.99	1.32	0.99	1.06	1.53
SOCCSKSARGEN	3.20	0.05	1.37	2.50	2.92
Caraga	0.48	0.11	0.35	0.28	0.22
ARMM	2.76	0.02	2.13	2.19	1.13

Table 3.7a MANGOSTEEN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
BEARING TREES (no.)					
PHILIPPINES	**209,740**	**210,895**	**214,179**	**221,944**	**224,807**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	1,443	1,445	1,460	1,470	1,470
MIMAROPA	521	528	538	565	770
Bicol Region					
Western Visayas	13,725	13,725	13,725	13,765	13,765
Central Visayas	3,000	3,000	3,000	3,043	3,000
Eastern Visayas					
Zamboanga Peninsula	11,698	12,338	12,372	12,402	14,922
Northern Mindanao	3,770	3,768	3,848	3,848	3,888
Davao Region	18,391	18,668	18,820	15,790	15,786
SOCCSKSARGEN	19,155	19,166	19,330	19,482	19,600
Caraga	2,272	2,272	5,172	15,670	15,684
ARMM	135,765	135,985	135,914	135,909	135,922
BEARING TREES PER HECTARE					
PHILIPPINES	**92**	**91**	**89**	**90**	**89**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	144	145	146	134	134
MIMAROPA	104	106	105	108	118
Bicol Region					
Western Visayas	80	80	80	80	80
Central Visayas	136	120	136	138	136
Eastern Visayas					
Zamboanga Peninsula	26	28	27	27	32
Northern Mindanao	65	65	66	65	61
Davao Region	52	51	51	55	54
SOCCSKSARGEN	73	73	71	69	68
Caraga	69	53	48	70	61
ARMM	147	147	145	145	145
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**26.47**	**3.24**	**14.98**	**14.88**	**11.95**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	38.72	33.22	29.32	36.66	23.93
MIMAROPA	2.26	2.16	2.14	2.05	2.41
Bicol Region					
Western Visayas	17.14	1.57	2.25	1.66	2.03
Central Visayas	3.88	2.77	3.20	3.58	3.31
Eastern Visayas					
Zamboanga Peninsula	81.59	1.96	23.25	1.99	9.79
Northern Mindanao	48.80	18.22	17.08	17.31	15.55
Davao Region	38.10	25.69	19.33	19.15	28.35
SOCCSKSARGEN	43.61	0.62	19.36	36.46	42.98
Caraga	6.92	2.10	7.30	4.01	3.63
ARMM	18.84	0.11	14.68	15.07	7.78

Table 3.8 ORANGE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2013
Production (mt)					
PHILIPPINES	**4,337**	**3,984**	**3,827**	**3,513**	**3,325**
CAR	933	893	862	842	839
Ilocos Region	35	30	26	22	17
Cagayan Valley	824	722	682	637	590
Central Luzon	39	31	24	22	22
CALABARZON	65	56	46	19	9
MIMAROPA	9	7	7	8	9
Bicol Region	915	903	912	921	899
Western Visayas	47	45	47	21	22
Central Visayas	8	7	7	6	5
Eastern Visayas	111	108	108	100	54
Zamboanga Peninsula	49	48	50	37	30
Northern Mindanao	134	95	103	99	88
Davao Region	950	871	813	644	611
SOCCSKSARGEN	95	92	96	101	105
Caraga	52	32	29	20	13
ARMM	70	45	15	14	14
Area (ha)					
PHILIPPINES	**1,630**	**1,556**	**1,524**	**1,465**	**1,447**
CAR	178	174	170	156	151
Ilocos Region	17	13	13	11	11
Cagayan Valley	351	349	350	349	357
Central Luzon	6	5	5	4	4
CALABARZON	11	9	3	2	2
MIMAROPA	3	3	3	3	3
Bicol Region	484	474	464	464	464
Western Visayas	30	30	30	29	24
Central Visayas	16	15	15	15	15
Eastern Visayas	51	51	56	56	47
Zamboanga Peninsula	32	21	14	12	12
Northern Mindanao	60	49	47	47	46
Davao Region	232	221	213	177	173
SOCCSKSARGEN	21	23	24	24	24
Caraga	68	52	48	46	45
ARMM	70	68	70	70	70
Yield Per Hectare (mt)					
PHILIPPINES	**2.66**	**2.56**	**2.51**	**2.40**	**2.30**
CAR	5.24	5.13	5.07	5.40	5.55
Ilocos Region	2.05	2.29	2.03	2.04	1.58
Cagayan Valley	2.35	2.07	1.95	1.83	1.65
Central Luzon	6.57	6.29	4.74	5.55	5.41
CALABARZON	5.92	6.17	15.38	9.51	4.60
MIMAROPA	3.12	2.49	2.49	2.50	2.88
Bicol Region	1.89	1.91	1.97	1.98	1.94
Western Visayas	1.58	1.48	1.56	0.73	0.92
Central Visayas	0.49	0.45	0.46	0.37	0.35
Eastern Visayas	2.18	2.11	1.93	1.78	1.15
Zamboanga Peninsula	1.52	2.28	3.57	3.12	2.47
Northern Mindanao	2.23	1.93	2.20	2.10	1.90
Davao Region	4.10	3.95	3.83	3.64	3.54
SOCCSKSARGEN	4.52	4.04	3.99	4.20	4.35
Caraga	0.76	0.61	0.60	0.44	0.28
ARMM	1.00	0.66	0.21	0.20	0.19

R/ - Revised due to inclusion of Batanes data.

Table 3.8a ORANGE: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**199,128**	**189,096**	**185,447**	**179,227**	**173,259**
CAR	26,759	25,864	24,769	23,159	22,371
Ilocos Region	2,505	2,125	2,017	1,971	1,778
Cagayan Valley	61,568	61,203	62,205	62,145	61,545
Central Luzon	1,140	740	690	640	640
CALABARZON	870	830	438	438	433
MIMAROPA	500	400	400	400	400
Bicol Region	33,504	32,558	32,480	32,530	32,746
Western Visayas	3,463	3,473	3,488	3,513	2,880
Central Visayas	3,000	2,200	2,200	2,200	2,200
Eastern Visayas	5,725	5,758	5,777	5,771	4,410
Zamboanga Peninsula	4,020	2,910	1,930	1,668	1,248
Northern Mindanao	7,734	6,354	6,238	6,238	6,138
Davao Region	28,135	26,688	25,663	21,573	19,723
SOCCSKSARGEN	2,325	2,325	2,372	2,472	2,497
Caraga	8,150	6,308	5,470	5,400	5,250
ARMM	9,730	9,360	9,310	9,109	9,000
BEARING TREES PER HECTARE					
PHILIPPINES	**122**	**122**	**122**	**122**	**120**
CAR	150	149	146	148	148
Ilocos Region	147	163	158	179	162
Cagayan Valley	175	176	178	178	172
Central Luzon	190	148	138	160	160
CALABARZON	79	92	146	219	217
MIMAROPA	167	133	133	133	133
Bicol Region	69	69	70	70	71
Western Visayas	115	116	116	120	123
Central Visayas	188	147	147	147	147
Eastern Visayas	112	113	103	103	94
Zamboanga Peninsula	126	139	138	139	104
Northern Mindanao	129	130	133	133	133
Davao Region	121	121	121	122	114
SOCCSKSARGEN	111	102	99	103	104
Caraga	120	121	114	117	117
ARMM	139	138	133	130	129
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**21.78**	**21.07**	**20.63**	**19.60**	**19.19**
CAR	34.87	34.52	34.79	36.37	37.49
Ilocos Region	13.95	14.02	12.86	11.38	9.76
Cagayan Valley	13.39	11.80	10.96	10.25	9.58
Central Luzon	34.60	42.49	34.33	34.67	33.83
CALABARZON	74.82	66.94	105.37	43.40	21.25
MIMAROPA	18.72	18.68	18.65	18.75	21.60
Bicol Region	27.31	27.74	28.08	28.30	27.44
Western Visayas	13.67	12.81	13.41	6.07	7.48
Central Visayas	2.59	3.09	3.15	2.52	2.40
Eastern Visayas	19.40	18.71	18.68	17.29	12.30
Zamboanga Peninsula	12.12	16.45	25.89	22.42	23.72
Northern Mindanao	17.29	14.92	16.54	15.85	14.28
Davao Region	33.77	32.65	31.69	29.87	31.00
SOCCSKSARGEN	40.83	39.56	40.40	40.77	41.99
Caraga	6.36	5.05	5.30	3.79	2.42
ARMM	7.16	4.77	1.60	1.52	1.51

R/ - Revised due to inclusion of Batanes data.

Table 3.9 PAPAYA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**165,981**	**157,907**	**164,913**	**166,336**	**172,628**
CAR	1,644	1,587	1,590	1,627	1,730
Ilocos Region	3,293	3,290	3,323	3,456	3,542
Cagayan Valley	2,290	1,739	1,992	2,073	1,995
Central Luzon	3,934	3,987	3,908	3,919	4,149
CALABARZON	8,440	9,128	9,250	9,232	7,094
MIMAROPA	3,757	3,894	4,040	4,057	4,024
Bicol Region	9,703	9,551	9,607	9,628	9,074
Western Visayas	6,188	6,333	6,253	6,026	5,256
Central Visayas	6,857	6,733	6,795	6,428	6,628
Eastern Visayas	3,064	3,034	3,109	2,912	2,264
Zamboanga Peninsula	5,668	5,521	5,505	5,247	5,615
Northern Mindanao	29,152	21,125	26,385	30,108	38,256
Davao Region	14,686	12,117	11,340	10,335	10,406
SOCCSKSARGEN	62,848	65,843	67,865	67,623	69,008
Caraga	1,631	1,169	1,122	1,057	940
ARMM	2,827	2,855	2,829	2,607	2,646
Area (ha)					
PHILIPPINES	**8,751**	**8,647**	**8,585**	**8,398**	**7,917**
CAR	208	207	209	212	203
Ilocos Region	298	303	308	312	312
Cagayan Valley	423	396	418	443	443
Central Luzon	692	697	692	694	658
CALABARZON	641	664	662	647	634
MIMAROPA	367	375	384	389	381
Bicol Region	587	580	564	542	535
Western Visayas	752	765	752	767	673
Central Visayas	364	348	339	331	284
Eastern Visayas	478	479	474	471	416
Zamboanga Peninsula	614	621	619	614	457
Northern Mindanao	899	856	826	807	793
Davao Region	632	580	545	509	504
SOCCSKSARGEN	1,387	1,379	1,396	1,385	1,352
Caraga	255	244	240	118	116
ARMM	154	154	158	157	157
Yield Per Hectare (mt)					
PHILIPPINES	**18.97**	**18.26**	**19.21**	**19.81**	**21.81**
CAR	7.90	7.67	7.61	7.68	8.52
Ilocos Region	11.05	10.87	10.80	11.09	11.37
Cagayan Valley	5.41	4.39	4.76	4.68	4.50
Central Luzon	5.69	5.72	5.65	5.65	6.31
CALABARZON	13.18	13.75	13.98	14.27	11.19
MIMAROPA	10.23	10.37	10.53	10.44	10.57
Bicol Region	16.52	16.47	17.03	17.76	16.96
Western Visayas	8.23	8.27	8.31	7.86	7.82
Central Visayas	18.84	19.35	20.03	19.42	23.34
Eastern Visayas	6.41	6.33	6.57	6.18	5.44
Zamboanga Peninsula	9.23	8.89	8.89	8.55	12.29
Northern Mindanao	32.42	24.68	31.94	37.31	48.23
Davao Region	23.24	20.89	20.81	20.30	20.67
SOCCSKSARGEN	45.31	47.76	48.61	48.83	51.03
Caraga	6.40	4.79	4.67	8.99	8.12
ARMM	18.41	18.57	17.96	16.56	16.86

R/ - Revised due to inclusion of Batanes data.

Table 3.9a PAPAYA: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

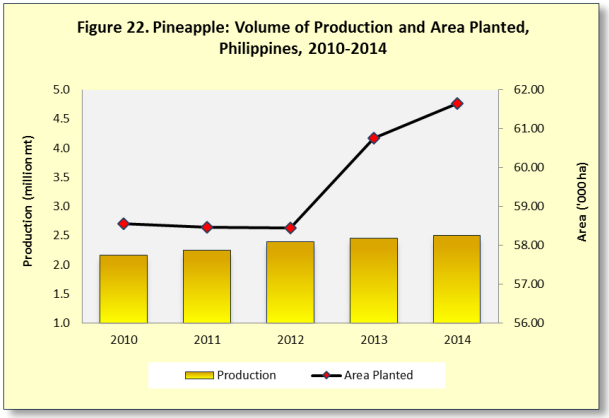
Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**5,549,324**	**5,440,347**	**5,395,197**	**5,300,076**	**4,988,936**
CAR	89,771	87,531	90,253	100,782	106,183
Ilocos Region	164,528	163,139	164,849	164,070	163,987
Cagayan Valley	226,893	199,656	216,941	225,605	217,218
Central Luzon	328,348	328,964	321,492	320,975	286,433
CALABARZON	370,596	374,944	372,032	369,403	364,117
MIMAROPA	163,248	166,515	170,133	169,469	162,376
Bicol Region	315,151	312,962	311,136	303,099	299,913
Western Visayas	344,575	340,941	338,428	340,326	309,231
Central Visayas	154,011	150,877	142,447	128,997	109,313
Eastern Visayas	172,298	165,389	166,128	166,877	127,932
Zamboanga Peninsula	497,783	486,927	483,701	482,960	317,425
Northern Mindanao	724,842	716,132	711,322	698,077	715,936
Davao Region	429,430	400,508	353,053	326,918	315,620
SOCCSKSARGEN	1,340,822	1,333,721	1,342,604	1,344,044	1,337,009
Caraga	136,228	120,818	119,540	66,631	63,570
ARMM	90,800	91,323	91,138	91,843	92,673
BEARING TREES PER HECTARE					
PHILIPPINES	**634**	**629**	**628**	**631**	**630**
CAR	432	423	432	475	523
Ilocos Region	552	539	536	526	526
Cagayan Valley	536	504	519	509	490
Central Luzon	474	472	465	463	436
CALABARZON	579	565	562	571	574
MIMAROPA	444	444	443	436	427
Bicol Region	537	540	552	559	561
Western Visayas	458	445	450	444	460
Central Visayas	423	434	420	390	385
Eastern Visayas	361	345	351	354	307
Zamboanga Peninsula	811	784	781	787	695
Northern Mindanao	806	837	861	865	903
Davao Region	679	691	648	642	627
SOCCSKSARGEN	967	967	962	970	989
Caraga	534	495	498	567	549
ARMM	592	594	579	584	590
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**29.91**	**29.03**	**30.57**	**31.38**	**34.60**
CAR	18.31	18.13	17.62	16.15	16.29
Ilocos Region	20.01	20.17	20.16	21.07	21.60
Cagayan Valley	10.09	8.71	9.18	9.19	9.18
Central Luzon	11.98	12.12	12.16	12.21	14.49
CALABARZON	22.77	24.35	24.86	24.99	19.48
MIMAROPA	23.02	23.38	23.74	23.94	24.78
Bicol Region	30.79	30.52	30.88	31.77	30.25
Western Visayas	17.96	18.58	18.48	17.71	17.00
Central Visayas	44.52	44.62	47.70	49.83	60.64
Eastern Visayas	17.78	18.34	18.72	17.45	17.70
Zamboanga Peninsula	11.39	11.34	11.38	10.86	17.69
Northern Mindanao	40.22	29.50	37.09	43.13	53.44
Davao Region	34.20	30.25	32.12	31.61	32.97
SOCCSKSARGEN	46.87	49.37	50.55	50.31	51.61
Caraga	11.97	9.67	9.38	15.87	14.78
ARMM	31.13	31.26	31.05	28.38	28.56

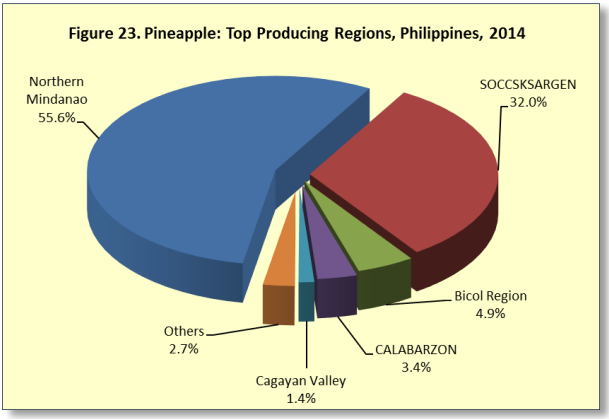
R/ - Revised due to inclusion of Batanes data.

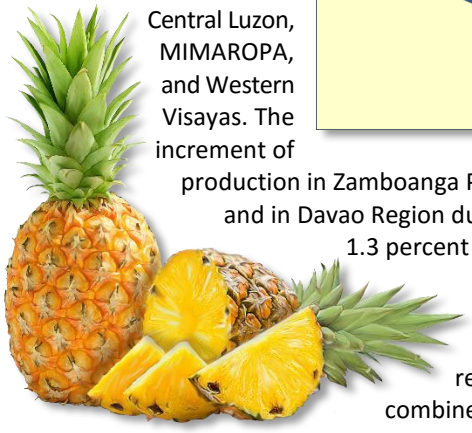
PINEAPPLE

Pineapple production in the last five (5) years expanded by an average of 3.7 percent annually or 2.51 million mt in 2014 from 2.17 million mt in 2010. Area during the period went up by an average annual rate of 1.3 percent (Figure 22). Yield improved to 40.67 mt per hectare in 2014 from 37.05 mt in 2010.

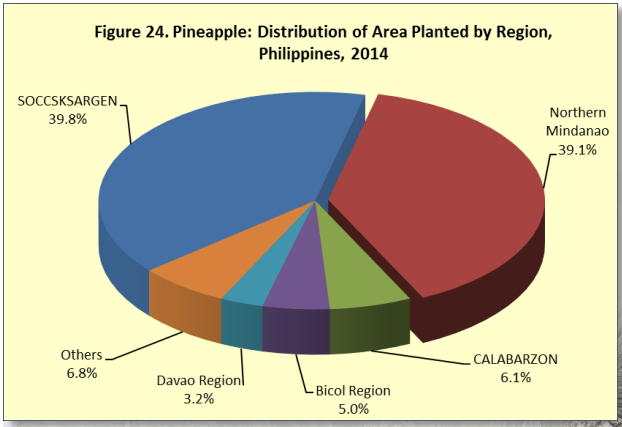
In 2014, pineapple production was 2.51 million mt or 2.0 percent more than the 2013 level of 2.46 million mt. The production increment was primarily due to the increases in area harvested from the expansion of corporate farms in Northern Mindanao and Caraga. This was coupled with the increases in area in Cagayan Valley, Central Luzon, Western and Central Visayas. There were reports of bigger and more fruits harvested in Ilocos Region, Cagayan Valley, Central Luzon, MIMAROPA, and Western Visayas. The increment of production in Zamboanga Peninsula was due to fertilizer application and in Davao Region due to sufficient rainfall. Area expanded by 1.3 percent or 61.64 thousand hectares in 2014 from the 60.7 thousand hectares in 2013.







Northern Mindanao and SOCCSKSARGEN remained the top producing regions. Their combined contribution to the national pineapple



production was 87.6 percent (Figure 23). The largest area was topped by SOCCSKSARGEN, 39.8 percent (Figure 24) while yield was ruled by Northern Mindanao, 57.79 mt per hectare.

Table 3.10 PINEAPPLE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**2,169,233**	**2,246,806**	**2,397,745**	**2,458,528**	**2,507,098**
CAR	683	687	712	771	805
Ilocos Region	195	197	200	196	199
Cagayan Valley	29,375	26,703	28,342	31,247	33,842
Central Luzon	1,452	1,439	1,463	1,457	1,620
CALABARZON	87,561	86,178	86,389	88,239	85,448
MIMAROPA	252	295	326	364	404
Bicol Region	112,205	116,123	121,735	124,961	123,411
Western Visayas	14,317	16,263	16,308	16,258	17,054
Central Visayas	4,173	4,626	4,617	5,380	6,900
Eastern Visayas	7,468	7,377	7,457	7,485	6,706
Zamboanga Peninsula	1,992	1,864	1,710	1,840	1,883
Northern Mindanao	1,067,608	1,159,698	1,294,584	1,341,569	1,392,652
Davao Region	22,840	25,306	28,162	28,079	28,097
SOCCSKSARGEN	813,251	794,841	800,055	806,076	804,254
Caraga	4,725	4,136	4,648	3,542	2,810
ARMM	1,135	1,072	1,039	1,065	1,012
Area (ha)					
PHILIPPINES	**58,547**	**58,457**	**58,450**	**60,759**	**61,643**
CAR	117	114	117	111	109
Ilocos Region	30	27	27	26	26
Cagayan Valley	1,506	1,528	1,225	1,251	1,295
Central Luzon	146	151	153	157	163
CALABARZON	4,023	3,869	3,837	3,840	3,772
MIMAROPA	66	70	73	75	77
Bicol Region	3,079	3,084	3,093	3,083	3,078
Western Visayas	725	782	839	845	860
Central Visayas	451	452	452	474	470
Eastern Visayas	560	566	583	584	552
Zamboanga Peninsula	398	356	350	327	305
Northern Mindanao	21,547	21,979	21,593	23,108	24,100
Davao Region	2,053	2,052	2,033	1,978	1,978
SOCCSKSARGEN	23,269	22,850	23,485	24,580	24,545
Caraga	488	488	499	230	219
ARMM	89	90	92	91	93
Yield Per Hectare (mt)					
PHILIPPINES	**37.05**	**38.44**	**41.02**	**40.46**	**40.67**
CAR	5.83	6.03	6.08	6.94	7.38
Ilocos Region	6.51	7.23	7.47	7.47	7.72
Cagayan Valley	19.51	17.48	23.13	24.98	26.13
Central Luzon	9.94	9.53	9.56	9.28	9.94
CALABARZON	21.77	22.27	22.51	22.98	22.65
MIMAROPA	3.84	4.25	4.48	4.86	5.22
Bicol Region	36.44	37.65	39.36	40.53	40.09
Western Visayas	19.75	20.80	19.44	19.24	19.83
Central Visayas	9.25	10.25	10.22	11.35	14.68
Eastern Visayas	13.34	13.03	12.79	12.83	12.16
Zamboanga Peninsula	5.00	5.23	4.89	5.63	6.17
Northern Mindanao	49.55	52.76	59.96	58.06	57.79
Davao Region	11.13	12.33	13.85	14.19	14.20
SOCCSKSARGEN	34.95	34.79	34.07	32.79	32.77
Caraga	9.68	8.47	9.31	15.40	12.83
ARMM	12.75	11.92	11.29	11.66	10.88

R/ - Revised due to inclusion of Batanes data.

Table 3.11 RAMBUTAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**12,743**	**6,271**	**7,189**	**7,440**	**6,479**
CAR	43	31	46	46	64
Ilocos Region	69	76	84	88	94
Cagayan Valley	434	422	408	364	419
Central Luzon	27	25	24	64	63
CALABARZON	4,384	2,700	2,775	2,926	1,589
MIMAROPA	362	342	364	381	363
Bicol Region	21	20	28	28	23
Western Visayas	194	121	168	182	168
Central Visayas	84	46	41	55	56
Eastern Visayas	17	15	26	24	7
Zamboanga Peninsula	924	290	342	191	345
Northern Mindanao	369	269	178	334	380
Davao Region	1,833	859	985	947	920
SOCCSKSARGEN	3,844	996	1,503	1,600	1,652
Caraga	118	51	206	195	315
ARMM	21	7	13	15	22
Area (ha)					
PHILIPPINES	**5,743**	**5,849**	**5,889**	**6,177**	**6,266**
CAR	32	32	46	51	60
Ilocos Region	35	36	37	42	45
Cagayan Valley	65	65	77	264	283
Central Luzon	8	8	8	68	70
CALABARZON	1,628	1,730	1,778	1,774	1,778
MIMAROPA	675	672	665	682	682
Bicol Region	17	17	17	19	19
Western Visayas	73	73	74	77	73
Central Visayas	45	47	49	49	49
Eastern Visayas	17	18	22	23	21
Zamboanga Peninsula	385	397	404	411	417
Northern Mindanao	186	186	186	187	189
Davao Region	739	748	749	492	496
SOCCSKSARGEN	1,357	1,339	1,296	1,300	1,303
Caraga	455	455	455	712	756
ARMM	27	27	27	27	26
Yield Per Hectare (mt)					
PHILIPPINES	**2.22**	**1.07**	**1.22**	**1.20**	**1.03**
CAR	1.35	0.98	1.01	0.91	1.06
Ilocos Region	1.97	2.08	2.25	2.09	2.09
Cagayan Valley	6.67	6.49	5.30	1.38	1.48
Central Luzon	3.38	3.15	3.00	0.95	0.90
CALABARZON	2.69	1.56	1.56	1.65	0.89
MIMAROPA	0.54	0.51	0.55	0.56	0.53
Bicol Region	1.26	1.22	1.69	1.51	1.22
Western Visayas	2.66	1.66	2.26	2.36	2.29
Central Visayas	1.88	0.99	0.84	1.14	1.15
Eastern Visayas	0.97	0.86	1.17	1.05	0.36
Zamboanga Peninsula	2.40	0.73	0.85	0.46	0.83
Northern Mindanao	1.99	1.45	0.96	1.79	2.01
Davao Region	2.48	1.15	1.32	1.92	1.85
SOCCSKSARGEN	2.83	0.74	1.16	1.23	1.27
Caraga	0.26	0.11	0.45	0.27	0.42
ARMM	0.76	0.26	0.49	0.57	0.84

Table 3.11a RAMBUTAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
BEARING TREES (no.)					
PHILIPPINES	**429,293**	**427,941**	**439,221**	**462,017**	**489,669**
CAR	1,320	1,270	2,400	3,000	4,200
Ilocos Region	1,901	2,051	2,154	2,328	2,719
Cagayan Valley	6,750	6,700	7,645	8,900	9,221
Central Luzon	900	1,050	1,350	6,410	6,422
CALABARZON	170,308	170,808	171,608	173,280	173,530
MIMAROPA	23,220	23,345	23,253	23,489	23,589
Bicol Region	1,284	1,263	1,273	1,450	1,395
Western Visayas	5,648	5,698	5,753	6,096	6,561
Central Visayas	4,285	4,300	4,645	4,655	4,690
Eastern Visayas	1,021	1,030	1,131	1,132	933
Zamboanga Peninsula	16,652	17,162	17,322	18,040	41,177
Northern Mindanao	17,922	17,552	17,752	17,885	18,062
Davao Region	52,472	51,540	51,323	41,790	42,364
SOCCSKSARGEN	111,942	110,604	110,104	110,170	111,405
Caraga	9,990	9,890	17,840	39,729	39,529
ARMM	3,678	3,678	3,668	3,663	3,872
BEARING TREES PER HECTARE					
PHILIPPINES	**75**	**73**	**75**	**75**	**78**
CAR	41	40	52	59	70
Ilocos Region	54	56	58	55	60
Cagayan Valley	104	103	99	34	33
Central Luzon	113	131	169	94	92
CALABARZON	105	99	97	98	98
MIMAROPA	34	35	35	34	35
Bicol Region	78	77	77	78	75
Western Visayas	77	78	78	79	90
Central Visayas	96	92	96	96	97
Eastern Visayas	60	57	51	49	44
Zamboanga Peninsula	43	43	43	44	99
Northern Mindanao	96	94	96	96	96
Davao Region	71	69	69	85	85
SOCCSKSARGEN	82	83	85	85	85
Caraga	22	22	39	56	52
ARMM	136	136	137	138	147
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**29.68**	**14.65**	**16.37**	**16.10**	**13.23**
CAR	32.80	24.69	19.27	15.48	15.13
Ilocos Region	36.41	36.88	38.87	37.84	34.65
Cagayan Valley	64.24	62.94	53.35	40.88	45.44
Central Luzon	30.00	24.03	17.78	10.04	9.79
CALABARZON	25.74	15.81	16.17	16.88	9.15
MIMAROPA	15.59	14.66	15.66	16.22	15.39
Bicol Region	16.25	16.00	21.89	19.32	16.14
Western Visayas	34.42	21.28	29.19	29.85	25.58
Central Visayas	19.53	10.78	8.74	11.87	11.93
Eastern Visayas	16.22	14.94	22.67	21.38	8.00
Zamboanga Peninsula	55.49	16.91	19.73	10.56	8.39
Northern Mindanao	20.58	15.30	10.02	18.68	21.03
Davao Region	34.93	16.67	19.19	22.65	21.71
SOCCSKSARGEN	34.34	9.00	13.65	14.52	14.83
Caraga	11.77	5.12	11.56	4.90	7.98
ARMM	5.58	1.89	3.60	4.14	5.73

Table 3.12 TAMARIND FRUIT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**9,032**	**8,122**	**7,921**	**7,782**	**7,558**
CAR	13	13	14	14	8
Ilocos Region	2,556	2,525	2,552	2,577	2,584
Cagayan Valley	2,109	1,558	1,409	1,441	1,304
Central Luzon	1,677	1,620	1,595	1,573	1,600
CALABARZON	139	106	108	112	94
MIMAROPA	196	196	201	189	179
Bicol Region	168	165	163	165	155
Western Visayas	82	82	80	72	68
Central Visayas	320	220	208	137	119
Eastern Visayas	50	48	47	42	31
Zamboanga Peninsula	212	190	179	157	150
Northern Mindanao	41	31	27	21	18
Davao Region	1,208	1,127	1,103	1,043	1,012
SOCCSKSARGEN	252	241	235	236	235
Caraga	6			1	
ARMM	1			1	1
Area (ha)					
PHILIPPINES	**2,598**	**2,540**	**2,525**	**2,455**	**2,266**
CAR	10	10	10	10	10
Ilocos Region	1,132	1,126	1,127	1,097	977
Cagayan Valley	329	297	298	300	295
Central Luzon	185	187	187	183	183
CALABARZON	98	98	98	92	75
MIMAROPA	93	92	91	91	91
Bicol Region	82	81	79	76	76
Western Visayas	131	131	130	130	111
Central Visayas	215	197	186	166	144
Eastern Visayas	30	29	28	27	21
Zamboanga Peninsula	99	103	103	102	102
Northern Mindanao	7	7	7	7	8
Davao Region	131	128	127	120	118
SOCCSKSARGEN	45	44	44	45	45
Caraga	6	6	6	6	6
ARMM	4	4	4	3	3
Yield Per Hectare (mt)					
PHILIPPINES	**3.48**	**3.20**	**3.14**	**3.17**	**3.34**
CAR	1.32	1.35	1.36	1.39	0.80
Ilocos Region	2.26	2.24	2.26	2.35	2.64
Cagayan Valley	6.41	5.24	4.73	4.80	4.42
Central Luzon	9.06	8.66	8.53	8.60	8.74
CALABARZON	1.41	1.08	1.10	1.22	1.26
MIMAROPA	2.11	2.13	2.21	2.07	1.96
Bicol Region	2.05	2.04	2.07	2.17	2.04
Western Visayas	0.63	0.62	0.62	0.56	0.61
Central Visayas	1.49	1.12	1.12	0.83	0.83
Eastern Visayas	1.64	1.63	1.65	1.55	1.48
Zamboanga Peninsula	2.14	1.85	1.74	1.54	1.47
Northern Mindanao	5.58	4.20	3.66	2.90	2.17
Davao Region	9.20	8.81	8.66	8.69	8.57
SOCCSKSARGEN	5.60	5.47	5.36	5.24	5.18
Caraga	1.07			0.18	
ARMM	0.28			0.20	0.19

R/ - Revised due to inclusion of Batanes data.

Table 3.12a TAMARIND FRUIT: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**145,344**	**142,590**	**142,716**	**141,193**	**136,417**
CAR	1,395	1,395	1,395	1,350	950
Ilocos Region	58,331	57,995	58,029	57,101	55,649
Cagayan Valley	24,382	23,135	22,550	22,750	22,209
Central Luzon	9,880	9,905	10,668	10,943	10,018
CALABARZON	6,032	5,962	5,902	6,637	6,427
MIMAROPA	4,577	4,581	4,594	4,789	4,766
Bicol Region	4,290	4,215	4,197	4,159	4,246
Western Visayas	9,097	9,093	9,093	9,047	8,457
Central Visayas	7,198	6,611	6,602	5,520	4,890
Eastern Visayas	1,450	1,482	1,493	1,489	1,314
Zamboanga Peninsula	6,380	6,459	6,467	6,430	6,450
Northern Mindanao	614	613	663	610	610
Davao Region	8,594	8,262	8,238	7,548	7,506
SOCCSKSARGEN	2,450	2,372	2,350	2,375	2,403
Caraga	410	290	285	285	267
ARMM	264	220	190	160	255
BEARING TREES PER HECTARE					
PHILIPPINES	**56**	**56**	**57**	**58**	**60**
CAR	140	140	140	135	95
Ilocos Region	53	51	51	52	57
Cagayan Valley	74	78	76	76	75
Central Luzon	51	53	57	60	55
CALABARZON	61	61	60	72	86
MIMAROPA	49	50	50	53	52
Bicol Region	52	52	53	55	56
Western Visayas	69	69	70	70	77
Central Visayas	33	34	35	33	34
Eastern Visayas	47	50	53	54	62
Zamboanga Peninsula	65	63	63	63	63
Northern Mindanao	91	83	90	82	73
Davao Region	66	65	65	63	64
SOCCSKSARGEN	56	54	54	53	53
Caraga	74	53	52	52	49
ARMM	53	59	54	46	75
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**62.14**	**56.96**	**55.50**	**55.12**	**55.40**
CAR	9.45	9.64	9.75	10.28	8.42
Ilocos Region	43.82	43.54	43.97	45.14	46.43
Cagayan Valley	86.51	67.33	62.50	63.34	58.73
Central Luzon	169.71	163.55	149.52	143.75	159.71
CALABARZON	22.97	17.71	18.23	16.92	14.70
MIMAROPA	42.93	42.78	43.75	39.43	37.57
Bicol Region	39.27	39.20	38.95	39.61	36.55
Western Visayas	9.03	8.99	8.81	8.00	8.01
Central Visayas	44.47	33.30	31.58	24.89	24.33
Eastern Visayas	34.30	32.44	31.46	28.54	23.88
Zamboanga Peninsula	33.28	29.46	27.72	24.36	23.19
Northern Mindanao	67.28	50.73	40.87	35.20	29.84
Davao Region	140.58	136.45	133.84	138.19	134.78
SOCCSKSARGEN	102.95	101.49	99.96	99.33	97.94
Caraga	14.39			3.51	
ARMM	4.17			4.38	2.59

R/ - Revised due to inclusion of Batanes data.

Table 3.13 WATERMELON: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**110,238**	**101,524**	**105,095**	**130,005**	**131,530**
CAR	378	376	375	372	118
Ilocos Region	22,247	24,567	23,840	23,865	24,707
Cagayan Valley	10,451	9,541	10,353	11,539	7,097
Central Luzon	7,233	6,505	6,548	7,538	6,767
CALABARZON	3,454	2,581	2,876	2,755	2,951
MIMAROPA	2,298	2,338	2,542	2,644	2,934
Bicol Region	4,671	5,104	5,341	5,421	5,424
Western Visayas	49,140	42,929	44,635	66,494	71,516
Central Visayas	1,438	818	883	996	1,072
Eastern Visayas	799	778	776	721	648
Zamboanga Peninsula	998	665	543	532	487
Northern Mindanao	1,241	1,129	1,278	1,503	1,890
Davao Region	1,023	970	964	875	1,096
SOCCSKSARGEN	1,816	1,276	1,398	1,761	1,982
Caraga	2,900	1,914	2,697	2,943	2,794
ARMM	153	33	45	47	47
Area (ha)					
PHILIPPINES	**6,703**	**6,102**	**6,245**	**6,924**	**7,024**
CAR	20	20	20	20	20
Ilocos Region	885	884	891	906	910
Cagayan Valley	633	568	546	542	320
Central Luzon	1,035	998	1,006	1,102	1,039
CALABARZON	291	224	200	200	199
MIMAROPA	206	208	233	248	273
Bicol Region	187	176	168	165	159
Western Visayas	2,185	1,959	2,068	2,546	2,842
Central Visayas	50	31	35	42	47
Eastern Visayas	113	110	110	98	107
Zamboanga Peninsula	146	78	43	51	41
Northern Mindanao	241	224	236	266	286
Davao Region	160	183	175	185	230
SOCCSKSARGEN	197	162	163	217	227
Caraga	294	262	330	312	294
ARMM	61	16	22	26	30
Yield Per Hectare (mt)					
PHILIPPINES	**16.45**	**16.64**	**16.83**	**18.78**	**18.73**
CAR	18.89	18.82	18.75	18.60	5.88
Ilocos Region	25.14	27.79	26.76	26.34	27.15
Cagayan Valley	16.52	16.80	18.96	21.31	22.18
Central Luzon	6.99	6.52	6.51	6.84	6.51
CALABARZON	11.87	11.52	14.42	13.79	14.83
MIMAROPA	11.16	11.23	10.93	10.68	10.75
Bicol Region	24.98	29.00	31.79	32.86	34.11
Western Visayas	22.49	21.92	21.58	26.12	25.17
Central Visayas	28.62	26.81	25.22	23.79	22.61
Eastern Visayas	7.10	7.08	7.02	7.40	6.03
Zamboanga Peninsula	6.84	8.58	12.74	10.43	11.94
Northern Mindanao	5.14	5.05	5.41	5.65	6.60
Davao Region	6.39	5.30	5.52	4.73	4.77
SOCCSKSARGEN	9.24	7.86	8.57	8.12	8.73
Caraga	9.87	7.31	8.17	9.43	9.51
ARMM	2.50	2.03	2.06	1.80	1.57

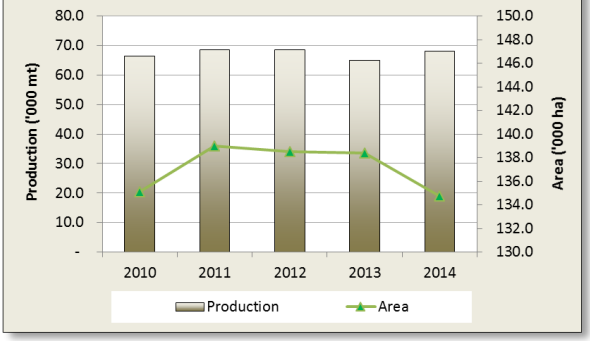
R/ - Revised due to inclusion of Batanes data.

C. NON-FOOD & INDUSTRIAL CROPS

ABACA

Production of abaca fibers during the five-year period went up at an average annual rate of 0.6 percent. However, area planted decreased by 0.04 percent. In 2014, production slightly increased to 68.05 thousand mt from 64.95 thousand mt in 2013 or by 4.8 percent (Figure 25). The highest increment was recorded in Bicol Region at 4.87 thousand mt or by 20.2 percent and was attributed to more harvesting and stripping due to good price and increased demand in Catanduanes.

Figure 25. Abaca: Production and Area Planted, Philippines, 2010-2014



The top abaca producer was Bicol Region at 28.95 thousand mt which contributed 42.5 percent to the national output. This was followed by Eastern Visayas, Davao Region, Caraga, and Autonomous Region in Muslim Mindanao (ARMM) which had a collective output of 31.90 thousand mt (Figure 26). In terms of area planted, Bicol Region, Eastern Visayas, Davao Region, Caraga, and ARMM represented 81.0 percent of the total area planted to abaca (Figure 27).

Figure 26. Abaca: Top Producing Regions, Philippines, 2014

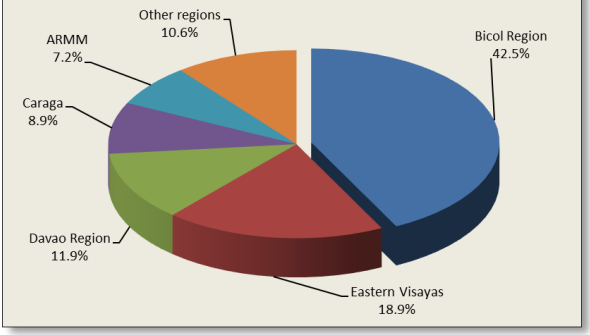


Figure 27. Abaca: Distribution of Area Planted by Region, Philippines, 2014

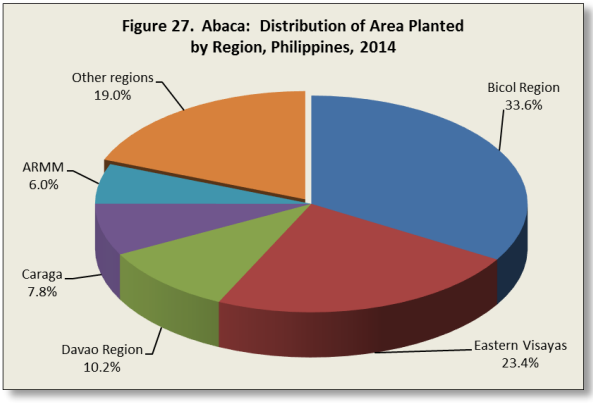


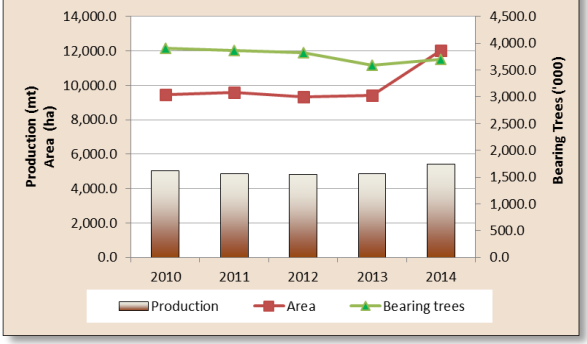
Table 4.1 ABACA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**66,512**	**68,613**	**68,510**	**64,952**	**68,053**
CAR	13	13	13	13	11
Ilocos Region					
Cagayan Valley					
Central Luzon	109	111	126	113	95
CALABARZON	2	4	11	15	2
MIMAROPA	77	89	106	121	149
Bicol Region	20,264	22,645	23,086	24,078	28,951
Western Visayas	1,492	1,853	2,236	1,741	1,599
Central Visayas	332	397	414	415	493
Eastern Visayas	20,326	20,023	19,191	16,597	12,849
Zamboanga Peninsula	231	631	675	590	679
Northern Mindanao	1,768	1,825	2,043	2,244	3,120
Davao Region	10,242	9,226	8,839	7,269	8,127
SOCCSKSARGEN	828	878	916	954	1,049
Caraga	6,059	6,031	5,965	5,828	6,031
ARMM	4,768	4,886	4,888	4,974	4,897
Area (ha)					
PHILIPPINES	**135,090**	**138,991**	**138,523**	**138,369**	**134,773**
CAR	579	579	550	499	481
Ilocos Region					
Cagayan Valley					
Central Luzon	520	529	534	543	600
CALABARZON	251	345	352	331	331
MIMAROPA	1,183	1,369	1,409	1,434	1,424
Bicol Region	41,748	42,864	42,171	44,509	45,254
Western Visayas	3,903	6,562	6,567	6,530	6,334
Central Visayas	3,097	3,338	3,338	3,325	3,269
Eastern Visayas	40,602	39,513	37,780	36,237	31,601
Zamboanga Peninsula	1,932	1,948	1,955	1,965	1,997
Northern Mindanao	4,834	4,816	5,376	5,381	5,194
Davao Region	12,166	13,544	14,624	13,187	13,808
SOCCSKSARGEN	4,582	4,615	5,899	5,924	6,002
Caraga	11,780	10,949	9,911	10,437	10,447
ARMM	7,913	8,020	8,057	8,067	8,031
Yield Per Hectare (mt)					
PHILIPPINES	**0.49**	**0.49**	**0.49**	**0.47**	**0.50**
CAR	0.02	0.02	0.02	0.03	0.02
Ilocos Region					
Cagayan Valley					
Central Luzon	0.21	0.21	0.24	0.21	0.16
CALABARZON	0.01	0.01	0.03	0.05	0.01
MIMAROPA	0.06	0.06	0.08	0.08	0.10
Bicol Region	0.49	0.53	0.55	0.54	0.64
Western Visayas	0.38	0.28	0.34	0.27	0.25
Central Visayas	0.11	0.12	0.12	0.12	0.15
Eastern Visayas	0.50	0.51	0.51	0.46	0.41
Zamboanga Peninsula	0.12	0.32	0.35	0.30	0.34
Northern Mindanao	0.37	0.38	0.38	0.42	0.60
Davao Region	0.84	0.68	0.60	0.55	0.59
SOCCSKSARGEN	0.18	0.19	0.16	0.16	0.17
Caraga	0.51	0.55	0.60	0.56	0.58
ARMM	0.60	0.61	0.61	0.62	0.61

CACAO

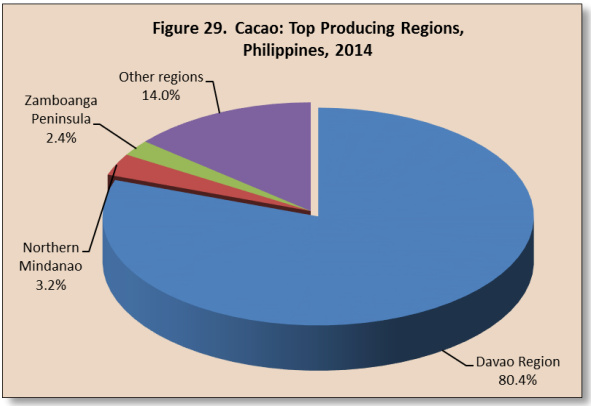
During the period 2010-2014, production of cacao increased at an average annual rate of 2.1 percent and area planted by 6.8 percent (Figure 28). In 2014, production of cacao increased by 11.3 percent to 5.43 thousand mt from 4.88 thousand mt in 2013. Production in Davao Region went up by 522 mt or by 13.6 percent which was attributed to more bearing trees in Compostela Valley, Davao City, and Davao del Norte.

Figure 28. Cacao: Production, Area and Number of Bearing Trees, Philippines, 2010-2014



Total area planted to cacao in 2014 was estimated at 12.03 thousand hectares. It was 27.6 percent larger than last year's 9.43 thousand hectares due to expansion areas in Davao Region. Likewise, number of bearing trees went up by 3.1 percent, from 3.59 million trees in 2013 to 3.70 million trees in 2014.

Figure 29. Cacao: Top Producing Regions, Philippines, 2014



Davao Region was the top cacao producer at 4.37 thousand mt representing 80.4 percent of the national total of 5.43 thousand mt (Figure 29). The same region recorded the largest area planted at 7.45 thousand hectares accounting by about 62.0 percent of the national total (Figure 30).

Figure 30. Cacao: Distribution of Area Planted by Region, Philippines, 2014

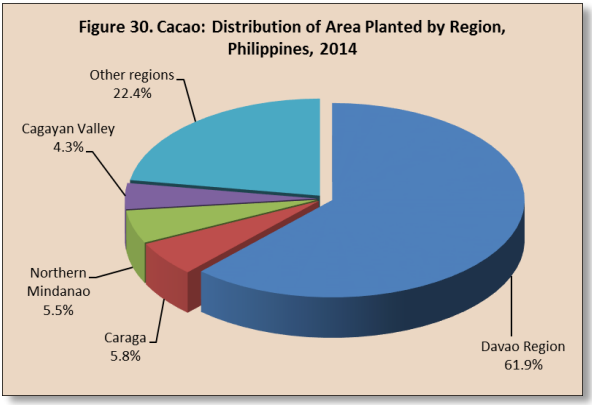


Table 4.2 CACAO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**5,019**	**4,856**	**4,831**	**4,876**	**5,428**
CAR	14	14	15	21	28
Ilocos Region	46	45	42	39	40
Cagayan Valley	83	64	62	69	75
Central Luzon	42	44	46	45	48
CALABARZON	22	21	20	19	20
MIMAROPA	57	61	64	66	83
Bicol Region	31	32	33	34	35
Western Visayas	67	59	62	63	60
Central Visayas	54	53	54	57	56
Eastern Visayas	122	117	114	96	79
Zamboanga Peninsula	122	112	115	104	128
Northern Mindanao	555	396	221	196	176
Davao Region	3,506	3,617	3,763	3,844	4,366
SOCCSKSARGEN	73	73	74	79	93
Caraga	124	59	63	58	59
ARMM	101	91	83	85	82
Area (ha)					
PHILIPPINES	**9,462**	**9,582**	**9,339**	**9,432**	**12,035**
CAR	27	29	31	40	52
Ilocos Region	73	70	69	70	96
Cagayan Valley	222	220	297	521	521
Central Luzon	32	36	38	41	43
CALABARZON	330	328	328	331	331
MIMAROPA	90	95	94	99	127
Bicol Region	284	283	285	287	287
Western Visayas	114	113	113	126	117
Central Visayas	149	149	168	182	185
Eastern Visayas	362	339	334	322	254
Zamboanga Peninsula	425	394	359	348	340
Northern Mindanao	927	877	877	678	663
Davao Region	4,958	5,226	5,151	5,193	7,451
SOCCSKSARGEN	130	134	161	177	436
Caraga	840	825	585	570	701
ARMM	500	464	449	447	431
Yield Per Hectare (mt)					
PHILIPPINES	**0.53**	**0.51**	**0.52**	**0.52**	**0.45**
CAR	0.51	0.48	0.47	0.53	0.53
Ilocos Region	0.63	0.64	0.62	0.56	0.42
Cagayan Valley	0.37	0.29	0.21	0.13	0.14
Central Luzon	1.32	1.21	1.21	1.09	1.11
CALABARZON	0.07	0.07	0.06	0.06	0.06
MIMAROPA	0.64	0.64	0.68	0.66	0.65
Bicol Region	0.11	0.11	0.12	0.12	0.12
Western Visayas	0.59	0.52	0.55	0.50	0.52
Central Visayas	0.36	0.35	0.32	0.31	0.30
Eastern Visayas	0.34	0.34	0.34	0.30	0.31
Zamboanga Peninsula	0.29	0.29	0.32	0.30	0.38
Northern Mindanao	0.60	0.45	0.25	0.29	0.27
Davao Region	0.71	0.69	0.73	0.74	0.59
SOCCSKSARGEN	0.56	0.54	0.46	0.45	0.21
Caraga	0.15	0.07	0.11	0.10	0.08
ARMM	0.20	0.20	0.19	0.19	0.19

R/ - Revised due to inclusion of Batanes data.

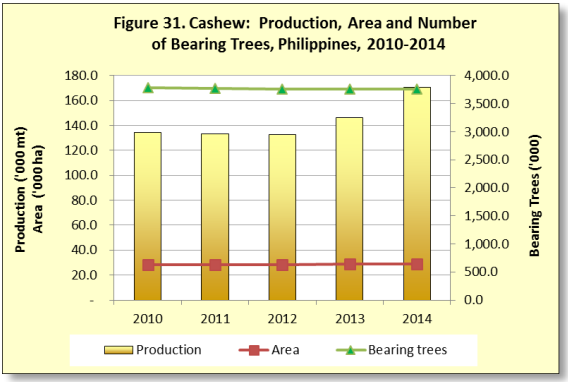
Table 4.2a CACAO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**3,908,457**	**3,863,221**	**3,826,701**	**3,588,134**	**3,699,114**
CAR	12,860	12,865	18,500	18,575	25,075
Ilocos Region	17,865	17,429	17,385	17,385	17,398
Cagayan Valley	73,730	72,130	72,397	73,123	83,585
Central Luzon	20,470	21,260	21,820	22,880	23,510
CALABARZON	44,486	43,906	43,926	43,946	43,746
MIMAROPA	31,811	31,726	31,579	30,886	33,938
Bicol Region	56,837	56,825	57,100	57,120	57,202
Western Visayas	51,835	51,529	50,578	50,400	45,840
Central Visayas	60,811	59,639	59,230	61,326	61,383
Eastern Visayas	144,281	137,358	133,548	128,553	108,316
Zamboanga Peninsula	77,764	88,700	88,170	88,005	85,785
Northern Mindanao	482,752	426,752	426,752	203,425	203,090
Davao Region	2,460,348	2,479,465	2,456,645	2,449,943	2,557,174
SOCCSKSARGEN	52,901	52,041	53,130	55,245	63,125
Caraga	232,505	226,705	213,220	206,161	209,661
ARMM	87,201	84,891	82,721	81,161	80,286
BEARING TREES PER HECTARE					
PHILIPPINES	**413**	**403**	**410**	**380**	**307**
CAR	476	444	597	464	482
Ilocos Region	244	248	253	248	181
Cagayan Valley	332	328	244	140	160
Central Luzon	640	591	580	558	547
CALABARZON	135	134	134	133	132
MIMAROPA	355	334	336	312	268
Bicol Region	200	201	200	199	199
Western Visayas	455	456	446	401	392
Central Visayas	408	400	352	336	331
Eastern Visayas	399	405	400	399	426
Zamboanga Peninsula	183	225	246	253	252
Northern Mindanao	521	487	487	300	306
Davao Region	496	474	477	472	343
SOCCSKSARGEN	407	388	330	312	145
Caraga	277	275	364	362	299
ARMM	174	183	184	182	186
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.28**	**1.26**	**1.26**	**1.36**	**1.47**
CAR	1.07	1.09	0.79	1.14	1.11
Ilocos Region	2.59	2.57	2.43	2.25	2.30
Cagayan Valley	1.12	0.88	0.85	0.95	0.89
Central Luzon	2.06	2.05	2.09	1.96	2.04
CALABARZON	0.49	0.49	0.46	0.44	0.47
MIMAROPA	1.79	1.92	2.03	2.12	2.43
Bicol Region	0.55	0.55	0.58	0.60	0.61
Western Visayas	1.29	1.15	1.22	1.24	1.32
Central Visayas	0.89	0.88	0.91	0.93	0.91
Eastern Visayas	0.85	0.85	0.86	0.75	0.73
Zamboanga Peninsula	1.56	1.27	1.31	1.18	1.50
Northern Mindanao	1.15	0.93	0.52	0.97	0.87
Davao Region	1.43	1.46	1.53	1.57	1.71
SOCCSKSARGEN	1.39	1.40	1.39	1.43	1.48
Caraga	0.53	0.26	0.30	0.28	0.28
ARMM	1.16	1.08	1.01	1.05	1.02

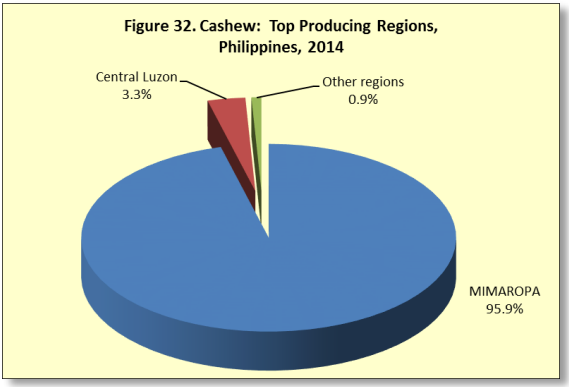
R/ - Revised due to inclusion of Batanes data.

CASHEW

From 2010 to 2014, cashew production grew at an average annual rate of 6.4 percent and area planted by 0.4 percent (Figure 31). In 2014, cashew production reached 170.85 thousand mt, 16.8 percent higher than the 2013 level of 146.29 thousand mt. MIMAROPA, the country's biggest cashew producer (Figure 32), recorded 18.0 percent production growth from last year's level of 138.87 thousand mt. This could be attributed to lesser occurrence of rains during flowering of the crop in Palawan. In 2014, the province shared 96.0 percent to total cashew production and accounted 91.0 percent of the total area planted.



On the other hand, area planted to cashew slightly decreased to 28.60 thousand hectares in 2014 from 28.66 thousand hectares in 2013 or by 0.2 percent. MIMAROPA, the biggest cashew producer, likewise had the largest area planted at 26.02 thousand hectares contributing 91.0 percent of the national total (Figure 33).



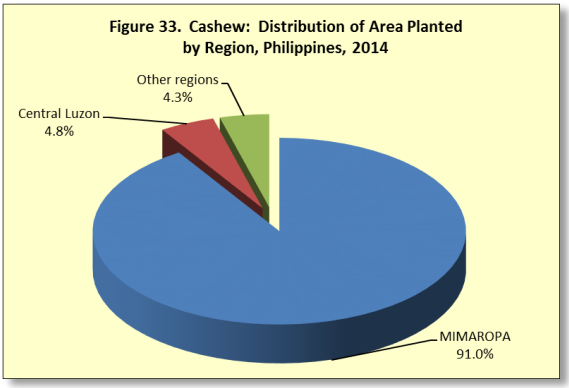


Table 4.3 CASHEW: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013 R/	2014
Production (mt)					
PHILIPPINES	**134,681**	**133,388**	**132,541**	**146,289**	**170,853**
CAR	1	1	1	1	1
Ilocos Region	692	684	708	719	696
Cagayan Valley	49	45	39	30	25
Central Luzon	7,242	6,821	6,093	5,968	5,570
CALABARZON	47	44	45	44	44
MIMAROPA	125,864	125,080	125,006	138,874	163,822
Bicol Region	4	4	4	4	4
Western Visayas	596	563	536	546	597
Central Visayas	58	47	39	36	29
Eastern Visayas					
Zamboanga Peninsula	10	7	6	6	5
Northern Mindanao	44	28	7	10	14
Davao Region	56	49	44	39	36
SOCCSKSARGEN	12	11	10	9	9
Caraga	6	4	3	2	1
ARMM	0.20	0.18	0.15		
Area (ha)					
PHILIPPINES	**28,114**	**28,204**	**28,316**	**28,663**	**28,602**
CAR	2	2	2	2	2
Ilocos Region	475	472	470	460	450
Cagayan Valley	30	29	29	26	26
Central Luzon	1,560	1,522	1,471	1,422	1,362
CALABARZON	32	32	27	27	27
MIMAROPA	25,180	25,335	25,528	25,978	26,015
Bicol Region	3	3	3	3	3
Western Visayas	431	434	434	433	415
Central Visayas	20	20	20	20	20
Eastern Visayas					
Zamboanga Peninsula	40	39	33	32	30
Northern Mindanao	54	54	54	50	49
Davao Region	241	220	208	173	166
SOCCSKSARGEN	11	11	11	11	11
Caraga	33	29	24	24	24
ARMM	2	2	2	2	2
Yield Per Hectare (mt)					
PHILIPPINES	**4.79**	**4.73**	**4.68**	**5.10**	**5.97**
CAR	0.65	0.67	0.67	0.60	0.50
Ilocos Region	1.46	1.45	1.51	1.56	1.55
Cagayan Valley	1.63	1.56	1.33	1.13	0.94
Central Luzon	4.64	4.48	4.14	4.20	4.09
CALABARZON	1.48	1.36	1.65	1.64	1.64
MIMAROPA	5.00	4.94	4.90	5.35	6.30
Bicol Region	1.32	1.29	1.31	1.33	1.29
Western Visayas	1.38	1.30	1.24	1.26	1.44
Central Visayas	2.91	2.37	1.94	1.80	1.47
Eastern Visayas					
Zamboanga Peninsula	0.26	0.17	0.18	0.17	0.17
Northern Mindanao	0.81	0.52	0.14	0.20	0.29
Davao Region	0.23	0.22	0.21	0.23	0.21
SOCCSKSARGEN	1.05	0.99	0.94	0.87	0.83
Caraga	0.17	0.13	0.12	0.07	0.04
ARMM	0.10	0.09	0.08		

R/ - Revised due to inclusion of Batanes data.

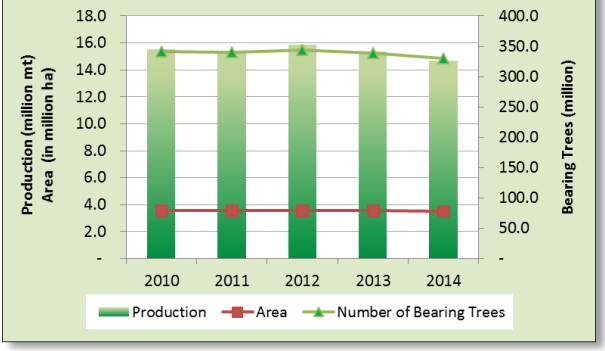
Table 4.3a CASHEW: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
BEARING TREES (no.)					
PHILIPPINES	**3,783,210**	**3,775,938**	**3,766,146**	**3,760,225**	**3,756,086**
CAR	288	295	295	260	220
Ilocos Region	67,945	67,573	67,579	67,697	65,629
Cagayan Valley	3,621	3,348	3,490	3,177	3,177
Central Luzon	206,846	201,716	193,286	190,156	189,358
CALABARZON	3,376	3,340	3,455	3,385	3,383
MIMAROPA	3,406,815	3,407,258	3,407,525	3,407,585	3,408,894
Bicol Region	343	343	343	343	373
Western Visayas	59,948	59,933	59,894	59,894	58,376
Central Visayas	5,450	5,400	5,400	5,500	5,500
Eastern Visayas					
Zamboanga Peninsula	3,520	3,048	2,908	2,838	2,418
Northern Mindanao	5,092	5,092	5,092	4,736	4,720
Davao Region	14,695	14,042	13,292	11,115	10,568
SOCCSKSARGEN	1,210	1,187	1,085	1,020	980
Caraga	3,950	3,252	2,402	2,402	2,380
ARMM	111	111	100	117	110
BEARING TREES PER HECTARE					
PHILIPPINES	**135**	**134**	**133**	**131**	**131**
CAR	144	148	148	130	110
Ilocos Region	143	143	144	147	146
Cagayan Valley	121	115	120	121	121
Central Luzon	133	133	131	134	139
CALABARZON	106	104	128	125	125
MIMAROPA	135	134	133	131	131
Bicol Region	114	114	114	114	124
Western Visayas	139	138	138	138	141
Central Visayas	273	270	270	275	275
Eastern Visayas					
Zamboanga Peninsula	88	78	88	89	81
Northern Mindanao	94	94	94	95	97
Davao Region	61	64	64	64	64
SOCCSKSARGEN	110	108	101	95	92
Caraga	120	112	100	100	99
ARMM	56	56	50	65	55
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**35.60**	**35.33**	**35.19**	**38.90**	**45.49**
CAR	4.51	4.51	4.54	4.62	4.55
Ilocos Region	10.19	10.12	10.48	10.62	10.60
Cagayan Valley	13.53	13.50	11.09	9.31	7.76
Central Luzon	35.01	33.82	31.52	31.39	29.42
CALABARZON	14.03	13.03	12.93	13.11	13.12
MIMAROPA	36.94	36.71	36.69	40.75	48.06
Bicol Region	11.52	11.28	11.43	11.63	10.40
Western Visayas	9.95	9.39	8.96	9.12	10.22
Central Visayas	10.68	8.76	7.19	6.54	5.33
Eastern Visayas					
Zamboanga Peninsula	2.94	2.20	2.01	1.96	2.15
Northern Mindanao	8.62	5.54	1.44	2.13	3.03
Davao Region	3.80	3.52	3.34	3.54	3.36
SOCCSKSARGEN	9.50	9.18	9.35	9.20	9.09
Caraga	1.42	1.13	1.17	0.67	0.40
ARMM	1.80	1.62	1.50		

COCONUT

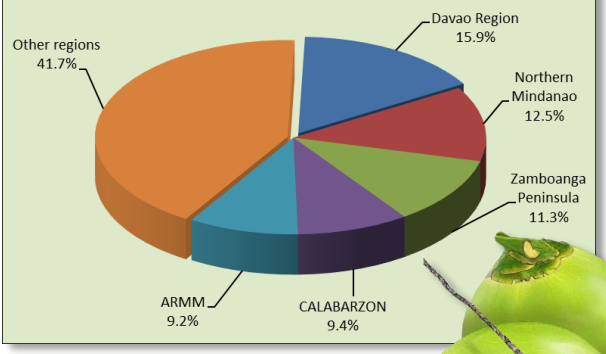
Coconut production declined from 2010 to 2014 at an average annual rate of 1.3 percent (Figure 34). In 2014, production at 14.70 million mt was 4.3 below the 15.35 million mt output in 2013. This could be traced to the adverse effects of typhoon "Yolanda" in the Visayas regions and typhoon "Glenda" in CALABARZON and Bicol Region. Trees in some parts of CALABARZON were infested by Coconut Scale Insect (CSI) while in Zamboanga Peninsula, lower production was brought by extreme heat during fruit development in Zamboanga del Sur and Zamboanga del Norte.

Figure 34. Coconut: Production, Area and Number of Bearing Trees, Philippines, 2010-2014



Total area planted to coconut was estimated at 3.50 million hectares in 2014, lesser by 1.4 percent from last year's 3.55 million hectares. Likewise, the number of bearing trees dropped to 330.52 million in 2014 from 338.40 million in 2013 or by 2.3 percent.

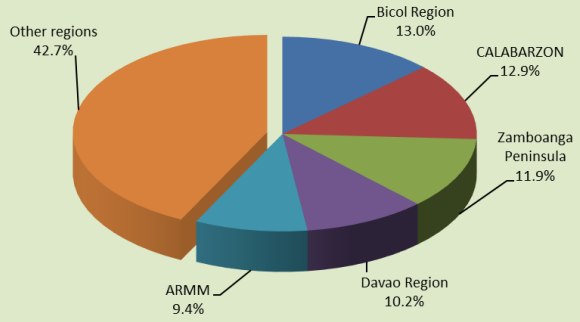
Figure 35. Coconut: Top Producing Regions, Philippines, 2014



Davao Region topped all other coconut producing regions with 2.33 million mt output or a share of 15.9 percent to the national total. Other top producing regions were Northern Mindanao, Zamboanga Peninsula, CALABARZON, and ARMM which had a collective output of 6.23 million mt (Figure 35). The largest area planted to coconut was

registered in Bicol Region at 453.70 thousand hectares. This was followed by CALABARZON, 451.10 thousand hectares; Zamboanga Peninsula, 417.31 thousand hectares; Davao Region, 356.48 thousand hectares, and ARMM, 327.89 thousand hectares. These regions accounted for 57.3 percent of the total area planted to coconut in 2014 (Figure 36).

Figure 36. Coconut: Distribution of Area Planted by Region, Philippines, 2014



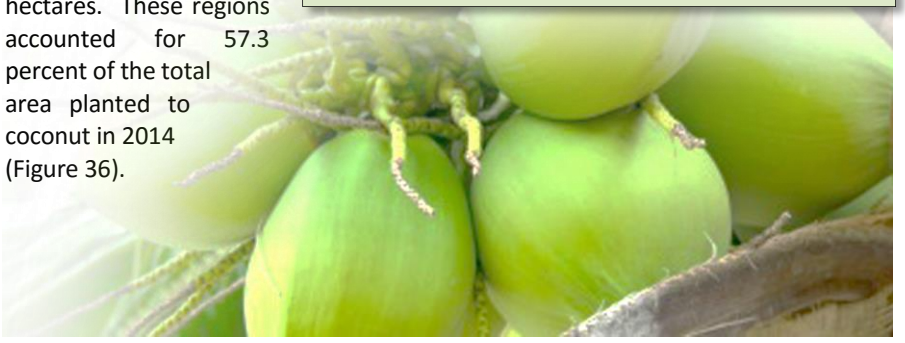


Table 4.4 COCONUT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**15,510,283**	**15,244,609**	**15,863,801**	**15,354,334**	**14,696,298**
CAR	914	907	952	1,079	1,173
Ilocos Region	37,379	38,476	39,316	40,482	40,978
Cagayan Valley	67,320	59,761	66,233	71,561	74,372
Central Luzon	210,442	212,648	209,025	179,360	189,174
CALABARZON	1,394,638	1,390,854	1,417,439	1,434,804	1,380,491
MIMAROPA	659,219	712,900	745,489	779,135	806,929
Bicol Region	1,269,538	1,201,707	1,240,459	1,255,507	1,124,412
Western Visayas	472,745	459,784	477,953	470,653	359,826
Central Visayas	429,717	438,267	451,037	458,993	448,111
Eastern Visayas	1,769,082	1,769,952	1,771,459	1,623,586	1,191,923
Zamboanga Peninsula	1,713,018	1,557,621	1,730,428	1,743,792	1,659,014
Northern Mindanao	1,757,165	1,745,950	1,816,501	1,816,578	1,838,405
Davao Region	2,635,867	2,627,248	2,720,233	2,275,980	2,332,090
SOCCSKSARGEN	864,270	879,868	985,175	1,040,610	1,071,707
Caraga	974,213	879,400	880,883	834,917	821,513
ARMM	1,254,755	1,269,268	1,311,219	1,327,299	1,356,182
Area (ha)					
PHILIPPINES	**3,575,944**	**3,561,981**	**3,574,614**	**3,551,299**	**3,502,011**
CAR	281	285	300	332	362
Ilocos Region	11,740	11,911	11,986	12,182	12,434
Cagayan Valley	13,661	13,781	14,591	15,044	15,011
Central Luzon	24,088	24,088	24,068	24,037	26,305
CALABARZON	438,673	438,253	438,733	440,640	451,100
MIMAROPA	181,784	192,687	199,434	199,966	204,106
Bicol Region	452,679	452,681	453,501	452,967	453,704
Western Visayas	119,922	120,774	121,153	127,245	108,832
Central Visayas	128,677	128,533	128,660	128,666	126,347
Eastern Visayas	434,539	417,786	419,540	419,640	322,089
Zamboanga Peninsula	372,971	375,080	377,389	380,919	417,314
Northern Mindanao	301,257	301,697	301,660	302,433	302,818
Davao Region	375,885	375,630	375,622	348,483	356,480
SOCCSKSARGEN	185,021	175,764	176,752	184,961	186,111
Caraga	219,121	218,613	215,285	191,107	191,108
ARMM	315,645	314,418	315,940	322,677	327,890
Yield Per Hectare (mt)					
PHILIPPINES	**4.34**	**4.28**	**4.44**	**4.32**	**4.20**
CAR	3.25	3.18	3.17	3.25	3.24
Ilocos Region	3.18	3.23	3.28	3.32	3.30
Cagayan Valley	4.93	4.34	4.54	4.76	4.95
Central Luzon	8.74	8.83	8.68	7.46	7.19
CALABARZON	3.18	3.17	3.23	3.26	3.06
MIMAROPA	3.63	3.70	3.74	3.90	3.95
Bicol Region	2.80	2.65	2.74	2.77	2.48
Western Visayas	3.94	3.81	3.95	3.70	3.31
Central Visayas	3.34	3.41	3.51	3.57	3.55
Eastern Visayas	4.07	4.24	4.22	3.87	3.70
Zamboanga Peninsula	4.59	4.15	4.59	4.58	3.98
Northern Mindanao	5.83	5.79	6.02	6.01	6.07
Davao Region	7.01	6.99	7.24	6.53	6.54
SOCCSKSARGEN	4.67	5.01	5.57	5.63	5.76
Caraga	4.45	4.02	4.09	4.37	4.30
ARMM	3.98	4.04	4.15	4.11	4.14

R/ - Revised due to inclusion of Batanes data.

Table 4.4a COCONUT: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**341,020,368**	**339,795,215**	**344,437,571**	**338,400,148**	**330,518,369**
CAR	33,497	33,102	34,172	37,480	41,218
Ilocos Region	896,727	898,683	905,107	910,593	911,180
Cagayan Valley	1,372,790	1,367,300	1,426,184	1,433,165	1,421,747
Central Luzon	3,008,747	3,008,747	3,005,705	2,894,870	2,819,050
CALABARZON	41,746,328	41,699,340	46,922,240	46,583,763	46,519,938
MIMAROPA	17,530,994	17,525,539	17,621,198	17,576,164	17,836,960
Bicol Region	35,015,713	35,015,913	35,651,678	35,596,273	36,126,794
Western Visayas	9,542,000	9,662,190	9,693,100	9,791,521	8,775,729
Central Visayas	12,817,958	12,799,359	12,802,274	12,845,574	12,561,811
Eastern Visayas	46,209,530	46,130,929	46,263,621	46,275,760	34,927,631
Zamboanga Peninsula	31,032,964	31,187,074	30,758,752	31,040,237	35,080,844
Northern Mindanao	31,869,349	31,892,744	31,888,702	31,824,534	31,826,034
Davao Region	39,843,291	39,811,212	39,810,009	33,818,912	33,814,203
SOCCSKSARGEN	15,850,720	15,248,227	15,400,699	15,784,644	15,797,732
Caraga	20,836,195	20,137,148	18,675,575	18,453,481	18,233,069
ARMM	33,413,565	33,377,708	33,578,555	33,533,176	33,824,429
BEARING TREES PER HECTARE					
PHILIPPINES	**95**	**95**	**96**	**95**	**94**
CAR	119	116	114	113	114
Ilocos Region	76	75	76	75	73
Cagayan Valley	100	99	98	95	95
Central Luzon	125	125	125	120	107
CALABARZON	95	95	107	106	103
MIMAROPA	96	91	88	88	87
Bicol Region	77	77	79	79	80
Western Visayas	80	80	80	77	81
Central Visayas	100	100	100	100	99
Eastern Visayas	106	110	110	110	108
Zamboanga Peninsula	83	83	82	81	84
Northern Mindanao	106	106	106	105	105
Davao Region	106	106	106	97	95
SOCCSKSARGEN	86	87	87	85	85
Caraga	95	92	87	97	95
ARMM	106	106	106	104	103
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**45.48**	**44.86**	**46.06**	**45.37**	**44.46**
CAR	27.29	27.41	27.87	28.78	28.46
Ilocos Region	41.68	42.81	43.44	44.46	44.97
Cagayan Valley	49.04	43.71	46.44	49.93	52.31
Central Luzon	69.94	70.68	69.54	61.96	67.11
CALABARZON	33.41	33.35	30.21	30.80	29.68
MIMAROPA	37.60	40.68	42.31	44.33	45.24
Bicol Region	36.26	34.32	34.79	35.27	31.12
Western Visayas	49.54	47.59	49.31	48.07	41.00
Central Visayas	33.52	34.24	35.23	35.73	35.67
Eastern Visayas	38.28	38.37	38.29	35.09	34.13
Zamboanga Peninsula	55.20	49.94	56.26	56.18	47.29
Northern Mindanao	55.14	54.74	56.96	57.08	57.76
Davao Region	66.16	65.99	68.33	67.30	68.97
SOCCSKSARGEN	54.53	57.70	63.97	65.93	67.84
Caraga	46.76	43.67	47.17	45.24	45.06
ARMM	37.55	38.03	39.05	39.58	40.09

R/ - Revised due to inclusion of Batanes data.

COFFEE

During the period 2010-2014, production of dried coffee berries of all varieties declined at an average annual rate of 5.4 percent. Likewise, area planted and number of bearing trees dropped by 0.8 percent and 1.5 percent, respectively (Figure 37).

In 2014, production of coffee at 75.45 thousand mt was 4.0 percent lower than last year's 78.63 thousand mt. The biggest drop in production was noted in SOCCSKSARGEN by 891.00 mt due to cutting of old and less productive trees. Heavy rains and strong wind in Sultan Kudarat affected fruit development. In Davao Region, lower production was due to shifting to production of different varieties of banana in Compostela Valley and Davao City.

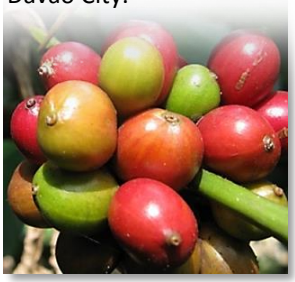


Figure 37. Coffee: Production, Area and Number of Bearing Trees, Philippines, 2010-2014

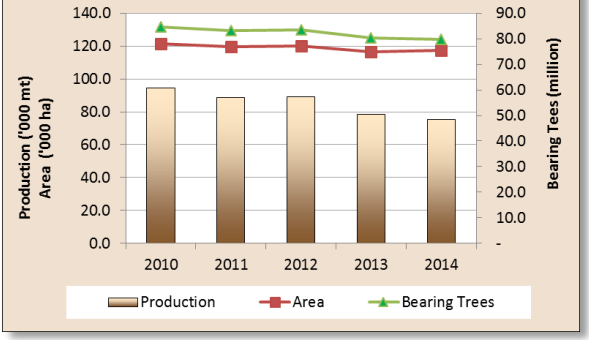
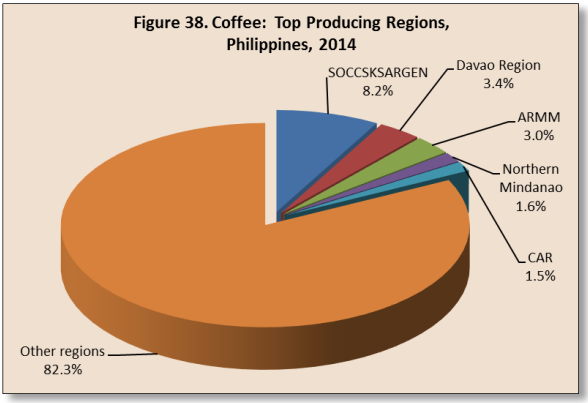


Figure 38. Coffee: Top Producing Regions, Philippines, 2014



Area planted to coffee increased to 117.45 thousand hectares in 2014 from 116.46 thousand hectares in 2013 or by 0.9 percent. Increases were recorded for Arabica and Robusta coffee attributed to expansion programs implemented by various agencies such as the National Greening Program of the Departmentof Environment and Natural Resources (NGP-DENR) and High Value Crops Development Program of the Department of Agriculture (HVCDP-DA). However, number of bearing trees contracted to 79.65 million in 2014 from 80.28 million trees in 2013 or by 0.8 percent due to cutting of trees in SOCCSKSARGEN and shifting to banana production in Davao Region.

SOCCSKSARGEN, the top coffee producer in 2014 at 28.0 thousand mt accounted 8.2 percent of the country's total output. Davao Region ranked second with 11.79 thousand mt followed by ARMM with 10.35 thousand mt (Figure 38). Likewise, the three (3) regions recorded the largest area planted at 61.67 thousand hectares contributing 52.5 percent to the total area planted to coffee at 117.45 thousand hectares (Figure 39).

Of the coffee varieties, Robusta coffee recorded the biggest production at 52.17 thousand mt or a share 69.1 percent. This was followed by Arabica, 18.03 thousand mt; Excelsa, 4.73 thousand mt, and Liberica, 0.53 thousand mt (Figure 40).

Figure 39. Coffee: Distribution of Area Planted by Region, Philippines, 2014

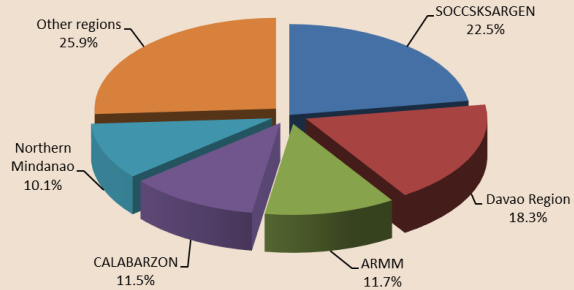
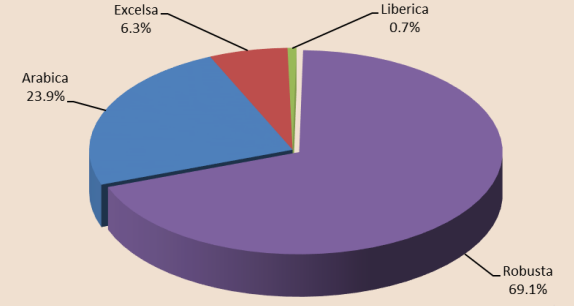


Figure 40. Coffee: Percentage Distribution of Production by Variety, Philippines, 2014



Arabica coffee. During the period 2010-2014, production of Arabica coffee declined at an annual average rate of 1.8 percent; area planted, 0.4 percent; and number of bearing trees, 1.4 percent. In 2014, production at 18.03 thousand mt was lower by 3.0 percent than last year's 18.59 thousand mt.

Excelsa coffee. Production of Excelsa coffee continuously decreased from 6.35 thousand mt in 2010 to 4.73 thousand mt in 2014 or by an average annual rate of 7.0 percent.During the same period, area planted declined by 3.1 percent and number of bearing trees by 3.7 percent. In 2014, production at 4.73 thousand mt was 3.9 percent below the 4.92 thousand mt level in 2013.

Robusta coffee. In 2014, production was recorded at 52.17 thousand mt, 4.4

percent lower than the 54.56 thousand mt level in 2013. Likewise, number of bearing trees dropped from 60.77 million in 2013 to 60.48 million in 2014 or by 0.5 percent. On the other hand, area planted increased to 88.42 thousand hectares in 2014 from 87.37 thousand hectares in 2013 or by 1.2 percent attributed to expansion areas in SOCCSKSARGEN.

Table 4.5 COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**94,536**	**88,526**	**88,943**	**78,634**	**75,454**
CAR	5,608	5,627	5,673	5,465	5,251
Ilocos Region	107	94	85	84	84
Cagayan Valley	1,040	1,012	813	767	744
Central Luzon	1,768	1,699	1,699	1,705	1,645
CALABARZON	8,764	5,550	8,568	5,238	4,691
MIMAROPA	204	200	194	183	182
Bicol Region	336	327	331	325	299
Western Visayas	5,625	5,916	5,695	4,938	4,346
Central Visayas	213	234	239	235	218
Eastern Visayas	212	201	193	128	61
Zamboanga Peninsula	1,202	1,023	993	961	969
Northern Mindanao	5,957	5,858	5,225	5,335	5,416
Davao Region	22,682	20,465	18,950	12,389	11,793
SOCCSKSARGEN	27,761	27,423	27,869	28,891	28,000
Caraga	2,252	2,008	1,787	1,497	1,406
ARMM	10,803	10,890	10,629	10,491	10,349
Area (ha)					
PHILIPPINES	**121,399**	**119,637**	**120,000**	**116,460**	**117,451**
CAR	6,866	6,720	6,716	6,695	6,681
Ilocos Region	118	119	121	121	173
Cagayan Valley	2,872	2,578	2,523	2,651	2,913
Central Luzon	1,887	1,892	1,892	1,911	1,906
CALABARZON	14,352	13,599	13,563	13,564	13,466
MIMAROPA	883	855	840	800	947
Bicol Region	838	815	814	793	793
Western Visayas	9,956	9,961	9,957	9,954	9,878
Central Visayas	1,546	1,784	1,890	1,802	1,717
Eastern Visayas	351	346	315	292	172
Zamboanga Peninsula	1,304	1,080	1,029	928	890
Northern Mindanao	11,629	11,633	11,838	11,842	11,852
Davao Region	25,847	25,371	25,166	21,573	21,524
SOCCSKSARGEN	25,171	25,117	25,223	25,487	26,434
Caraga	4,045	4,019	4,368	4,368	4,397
ARMM	13,735	13,749	13,746	13,679	13,707
Yield Per Hectare (mt)					
PHILIPPINES	**0.78**	**0.74**	**0.74**	**0.68**	**0.64**
CAR	0.82	0.84	0.84	0.82	0.79
Ilocos Region	0.90	0.80	0.71	0.69	0.48
Cagayan Valley	0.36	0.39	0.32	0.29	0.26
Central Luzon	0.94	0.90	0.90	0.89	0.86
CALABARZON	0.61	0.41	0.63	0.39	0.35
MIMAROPA	0.23	0.23	0.23	0.23	0.19
Bicol Region	0.40	0.40	0.41	0.41	0.38
Western Visayas	0.56	0.59	0.57	0.50	0.44
Central Visayas	0.14	0.13	0.13	0.13	0.13
Eastern Visayas	0.60	0.58	0.61	0.44	0.36
Zamboanga Peninsula	0.92	0.95	0.97	1.04	1.09
Northern Mindanao	0.51	0.50	0.44	0.45	0.46
Davao Region	0.88	0.81	0.75	0.57	0.55
SOCCSKSARGEN	1.10	1.09	1.10	1.13	1.06
Caraga	0.56	0.50	0.41	0.34	0.32
ARMM	0.79	0.79	0.77	0.77	0.76

R/ - Revised due to inclusion of Batanes data.

Table 4.5a COFFEE: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE, AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
BEARING TREES (no.)					
PHILIPPINES	**84,544,625**	**83,168,310**	**83,513,674**	**80,275,507**	**79,654,042**
CAR	4,499,950	4,467,016	4,483,005	4,464,600	4,486,098
Ilocos Region	70,015	69,657	76,783	76,299	76,110
Cagayan Valley	1,846,320	1,658,550	1,605,705	1,614,034	1,610,352
Central Luzon	1,280,022	1,261,661	1,265,606	1,269,775	1,113,275
CALABARZON	10,735,362	10,497,412	10,448,416	10,442,326	10,391,891
MIMAROPA	339,355	323,802	320,066	302,487	278,284
Bicol Region	594,707	581,731	580,757	571,883	571,073
Western Visayas	5,960,966	5,955,631	5,953,767	5,950,462	5,883,535
Central Visayas	1,048,056	1,046,685	1,045,432	1,046,615	1,047,855
Eastern Visayas	188,102	183,757	171,301	158,311	76,374
Zamboanga Peninsula	811,279	649,836	634,909	615,930	650,065
Northern Mindanao	5,973,193	5,972,629	5,972,724	5,972,999	5,973,388
Davao Region	21,836,331	21,148,996	20,723,895	16,980,656	16,808,249
SOCCSKSARGEN	18,071,950	18,057,010	18,092,761	18,200,183	18,047,307
Caraga	2,566,125	2,578,050	3,419,730	3,421,602	3,419,312
ARMM	8,722,892	8,715,887	8,718,817	9,187,344	9,220,874
BEARING TREES PER HECTARE					
PHILIPPINES	**696**	**695**	**696**	**689**	**678**
CAR	655	665	668	667	672
Ilocos Region	594	587	634	628	441
Cagayan Valley	643	643	636	609	553
Central Luzon	678	667	669	664	584
CALABARZON	748	772	770	770	772
MIMAROPA	384	379	381	378	294
Bicol Region	710	714	713	721	720
Western Visayas	599	598	598	598	596
Central Visayas	678	587	553	581	610
Eastern Visayas	536	531	544	542	443
Zamboanga Peninsula	622	602	617	664	730
Northern Mindanao	514	513	505	504	504
Davao Region	845	834	823	787	781
SOCCSKSARGEN	718	719	717	714	683
Caraga	634	641	783	783	778
ARMM	635	634	634	672	673
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.12**	**1.06**	**1.07**	**0.98**	**0.95**
CAR	1.25	1.26	1.27	1.22	1.17
Ilocos Region	1.52	1.35	1.11	1.10	1.10
Cagayan Valley	0.56	0.61	0.51	0.48	0.46
Central Luzon	1.38	1.35	1.34	1.34	1.48
CALABARZON	0.82	0.53	0.82	0.50	0.45
MIMAROPA	0.60	0.62	0.61	0.61	0.65
Bicol Region	0.57	0.56	0.57	0.57	0.52
Western Visayas	0.94	0.99	0.96	0.83	0.74
Central Visayas	0.20	0.22	0.23	0.22	0.21
Eastern Visayas	1.13	1.10	1.13	0.81	0.81
Zamboanga Peninsula	1.48	1.57	1.56	1.56	1.49
Northern Mindanao	1.00	0.98	0.87	0.89	0.91
Davao Region	1.04	0.97	0.91	0.73	0.70
SOCCSKSARGEN	1.54	1.52	1.54	1.59	1.55
Caraga	0.88	0.78	0.52	0.44	0.41
ARMM	1.24	1.25	1.22	1.14	1.12

R/ - Revised

Table 4.5.1 ARABICA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**19,421**	**19,002**	**18,783**	**18,594**	**18,028**
CAR	550	550	555	548	579
Ilocos Region	38	30	25	24	23
Cagayan Valley	210	201	150	151	144
Central Luzon	6	5	5	5	5
CALABARZON	76	69	69	65	61
MIMAROPA	6	5	5	5	4
Bicol Region	75	73	74	76	69
Western Visayas	885	928	879	849	767
Central Visayas	23	25	23	28	26
Eastern Visayas	65	62	58	41	23
Zamboanga Peninsula	507	429	421	405	406
Northern Mindanao	386	381	378	379	380
Davao Region	3,004	2,799	2,691	2,385	2,355
SOCCSKSARGEN	11,841	11,713	11,767	11,985	11,575
Caraga	2				
ARMM	1,746	1,731	1,682	1,647	1,611
Area (ha)					
PHILIPPINES	**19,622**	**19,369**	**19,369**	**19,190**	**19,300**
CAR	585	594	618	619	629
Ilocos Region	23	23	24	25	56
Cagayan Valley	573	526	528	534	534
Central Luzon	263	263	263	261	253
CALABARZON	131	117	111	106	88
MIMAROPA	44	36	31	32	28
Bicol Region	266	264	263	262	262
Western Visayas	1,792	1,792	1,792	1,791	1,789
Central Visayas	491	489	489	489	489
Eastern Visayas	113	111	105	102	73
Zamboanga Peninsula	522	390	369	330	317
Northern Mindanao	604	607	614	618	618
Davao Region	3,854	3,814	3,765	3,524	3,552
SOCCSKSARGEN	8,547	8,536	8,593	8,706	8,820
Caraga	2	2			
ARMM	1,812	1,805	1,804	1,790	1,793
Yield Per Hectare (mt)					
PHILIPPINES	**0.99**	**0.98**	**0.97**	**0.97**	**0.93**
CAR	0.94	0.93	0.90	0.89	0.92
Ilocos Region	1.64	1.30	1.02	0.95	0.41
Cagayan Valley	0.37	0.38	0.28	0.28	0.27
Central Luzon	0.02	0.02	0.02	0.02	0.02
CALABARZON	0.58	0.59	0.62	0.62	0.69
MIMAROPA	0.13	0.15	0.17	0.15	0.16
Bicol Region	0.28	0.28	0.28	0.29	0.26
Western Visayas	0.49	0.52	0.49	0.47	0.43
Central Visayas	0.05	0.05	0.05	0.06	0.05
Eastern Visayas	0.57	0.56	0.55	0.41	0.31
Zamboanga Peninsula	0.97	1.10	1.14	1.23	1.28
Northern Mindanao	0.64	0.63	0.62	0.61	0.61
Davao Region	0.78	0.73	0.71	0.68	0.66
SOCCSKSARGEN	1.39	1.37	1.37	1.38	1.31
Caraga	0.75				
ARMM	0.96	0.96	0.93	0.92	0.90

Table 4.5.1a ARABICA COFFEE: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
BEARING TREES (no.)					
PHILIPPINES	**13,999,774**	**13,728,806**	**13,684,182**	**13,519,678**	**13,255,380**
CAR	424,261	427,906	446,778	447,187	462,657
Ilocos Region	19,044	19,099	19,177	19,167	19,025
Cagayan Valley	368,555	338,791	337,044	337,494	336,224
Central Luzon	160,049	159,966	159,979	160,055	2,755
CALABARZON	76,173	71,805	68,641	66,541	52,245
MIMAROPA	18,645	15,370	13,906	10,957	9,314
Bicol Region	198,180	197,142	196,159	197,225	197,315
Western Visayas	841,615	841,528	841,468	841,404	839,289
Central Visayas	381,644	380,493	380,393	381,029	381,059
Eastern Visayas	53,086	51,265	47,362	44,687	30,926
Zamboanga Peninsula	345,401	239,973	234,426	230,760	230,844
Northern Mindanao	302,496	303,957	303,757	303,757	303,531
Davao Region	3,091,192	2,966,600	2,927,821	2,731,489	2,737,383
SOCCSKSARGEN	6,222,257	6,231,125	6,224,025	6,276,175	6,178,072
Caraga	1,800	1,500			
ARMM	1,495,376	1,482,286	1,483,246	1,471,751	1,474,741
BEARING TREES PER HECTARE					
PHILIPPINES	**713**	**709**	**706**	**705**	**687**
CAR	725	720	723	722	736
Ilocos Region	821	820	786	770	342
Cagayan Valley	643	644	638	631	629
Central Luzon	609	608	608	613	11
CALABARZON	581	614	618	628	594
MIMAROPA	425	429	449	342	336
Bicol Region	745	747	746	753	753
Western Visayas	470	470	470	470	469
Central Visayas	777	778	778	780	780
Eastern Visayas	469	463	451	438	425
Zamboanga Peninsula	661	615	635	699	728
Northern Mindanao	501	501	495	491	491
Davao Region	802	778	778	775	771
SOCCSKSARGEN	728	730	724	721	700
Caraga	900	750			
ARMM	825	821	822	822	822
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.39**	**1.38**	**1.37**	**1.38**	**1.36**
CAR	1.30	1.28	1.24	1.23	1.25
Ilocos Region	1.99	1.59	1.29	1.24	1.19
Cagayan Valley	0.57	0.59	0.45	0.45	0.43
Central Luzon	0.04	0.03	0.03	0.03	1.85
CALABARZON	1.00	0.97	1.01	0.98	1.16
MIMAROPA	0.31	0.36	0.38	0.44	0.47
Bicol Region	0.38	0.37	0.38	0.38	0.35
Western Visayas	1.05	1.10	1.04	1.01	0.91
Central Visayas	0.06	0.07	0.06	0.07	0.07
Eastern Visayas	1.22	1.20	1.23	0.93	0.74
Zamboanga Peninsula	1.47	1.79	1.80	1.76	1.76
Northern Mindanao	1.28	1.25	1.25	1.25	1.25
Davao Region	0.97	0.94	0.92	0.87	0.86
SOCCSKSARGEN	1.90	1.88	1.89	1.91	1.87
Caraga	0.83				
ARMM	1.17	1.17	1.13	1.12	1.09

Table 4.5.2 EXCELSA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**6,354**	**5,916**	**5,737**	**4,917**	**4,725**
CAR	85	86	88	84	79
Ilocos Region	19	17	16	16	16
Cagayan Valley	155	153	120	104	100
Central Luzon	41	41	38	35	35
CALABARZON	891	725	816	587	547
MIMAROPA	44	42	39	33	30
Bicol Region	1	1	1	1	1
Western Visayas	2	2	2	1	1
Central Visayas	0.01				
Eastern Visayas	43	42	40	26	14
Zamboanga Peninsula	143	125	117	109	107
Northern Mindanao	354	349	346	298	261
Davao Region	2,433	2,236	2,062	1,602	1,505
SOCCSKSARGEN	594	575	599	613	625
Caraga	61	30	22	10	7
ARMM	1,489	1,492	1,429	1,398	1,397
Area (ha)					
PHILIPPINES	**9,576**	**9,115**	**8,916**	**8,589**	**8,453**
CAR	190	223	221	215	205
Ilocos Region	18	19	19	19	20
Cagayan Valley	372	271	261	268	268
Central Luzon	53	53	53	53	53
CALABARZON	2,713	2,426	2,406	2,404	2,353
MIMAROPA	148	136	127	111	100
Bicol Region	1	1	1	1	1
Western Visayas	11	11	11	10	9
Central Visayas	1	1	1	1	1
Eastern Visayas	101	100	90	84	39
Zamboanga Peninsula	175	160	146	124	110
Northern Mindanao	767	767	767	767	767
Davao Region	2,343	2,316	2,217	1,935	1,905
SOCCSKSARGEN	953	913	914	938	949
Caraga	178	156	122	122	121
ARMM	1,552	1,561	1,560	1,537	1,552
Yield Per Hectare (mt)					
PHILIPPINES	**0.66**	**0.65**	**0.64**	**0.57**	**0.56**
CAR	0.45	0.39	0.40	0.39	0.38
Ilocos Region	1.04	0.92	0.86	0.84	0.81
Cagayan Valley	0.42	0.56	0.46	0.39	0.37
Central Luzon	0.77	0.77	0.72	0.66	0.65
CALABARZON	0.33	0.30	0.34	0.24	0.23
MIMAROPA	0.30	0.31	0.31	0.30	0.30
Bicol Region	1.29	1.25	1.21	1.15	1.12
Western Visayas	0.14	0.14	0.14	0.15	0.16
Central Visayas	0.01				
Eastern Visayas	0.42	0.42	0.45	0.31	0.37
Zamboanga Peninsula	0.82	0.78	0.80	0.88	0.98
Northern Mindanao	0.46	0.45	0.45	0.39	0.34
Davao Region	1.04	0.97	0.93	0.83	0.79
SOCCSKSARGEN	0.62	0.63	0.66	0.65	0.66
Caraga	0.34	0.20	0.18	0.08	0.06
ARMM	0.96	0.96	0.92	0.91	0.90

Table 4.5.2a EXCELSA COFFEE: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
BEARING TREES (no.)					
PHILIPPINES	**5,897,929**	**5,631,268**	**5,394,460**	**5,123,544**	**5,066,977**
CAR	87,580	98,346	98,173	95,660	91,278
Ilocos Region	12,202	12,337	14,337	14,337	14,337
Cagayan Valley	237,915	174,311	165,881	167,552	167,502
Central Luzon	38,186	38,118	35,476	34,830	34,770
CALABARZON	943,899	862,892	823,450	819,450	793,261
MIMAROPA	62,618	55,185	52,395	45,761	39,685
Bicol Region	444	444	444	444	439
Western Visayas	3,039	3,018	2,918	2,870	2,790
Central Visayas	424	342	169	160	160
Eastern Visayas	45,081	43,222	40,923	35,755	15,343
Zamboanga Peninsula	81,514	73,510	71,105	65,980	68,676
Northern Mindanao	411,610	411,610	411,610	412,140	412,140
Davao Region	1,846,790	1,762,018	1,684,069	1,448,566	1,414,031
SOCCSKSARGEN	773,872	748,040	740,820	741,025	762,035
Caraga	173,545	166,500	71,345	66,345	64,855
ARMM	1,179,210	1,181,375	1,181,345	1,172,669	1,185,675
BEARING TREES PER HECTARE					
PHILIPPINES	**616**	**618**	**605**	**597**	**599**
CAR	461	441	444	445	446
Ilocos Region	678	660	767	755	717
Cagayan Valley	640	642	634	624	624
Central Luzon	720	719	669	655	654
CALABARZON	348	356	342	341	337
MIMAROPA	425	406	413	412	398
Bicol Region	444	444	444	444	439
Western Visayas	267	272	263	284	310
Central Visayas	424	342	338	320	320
Eastern Visayas	446	432	454	425	389
Zamboanga Peninsula	466	459	487	532	624
Northern Mindanao	537	537	537	537	537
Davao Region	788	761	760	749	742
SOCCSKSARGEN	812	819	811	790	803
Caraga	975	1,067	585	544	535
ARMM	760	757	757	763	764
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.08**	**1.05**	**1.06**	**0.96**	**0.93**
CAR	0.97	0.88	0.90	0.88	0.86
Ilocos Region	1.53	1.39	1.12	1.11	1.12
Cagayan Valley	0.65	0.88	0.72	0.62	0.59
Central Luzon	1.08	1.06	1.07	1.00	0.99
CALABARZON	0.94	0.84	0.99	0.72	0.69
MIMAROPA	0.71	0.75	0.74	0.73	0.76
Bicol Region	2.91	2.82	2.73	2.59	2.55
Western Visayas	0.53	0.51	0.52	0.51	0.51
Central Visayas	0.01				
Eastern Visayas	0.95	0.97	0.99	0.74	0.94
Zamboanga Peninsula	1.76	1.70	1.64	1.65	1.56
Northern Mindanao	0.86	0.85	0.84	0.72	0.63
Davao Region	1.32	1.27	1.22	1.11	1.06
SOCCSKSARGEN	0.77	0.77	0.81	0.83	0.82
Caraga	0.35	0.18	0.31	0.15	0.10
ARMM	1.26	1.26	1.21	1.19	1.18

Table 4.5.3 LIBERICA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**633**	**630**	**598**	**563**	**533**
CAR	18	17	17	17	16
Ilocos Region					
Cagayan Valley	10	8	7	7	6
Central Luzon	3	3	3	3	3
CALABARZON	129	112	114	99	94
MIMAROPA	33	30	25	20	19
Bicol Region	5	4	4	4	4
Western Visayas	156	166	161	156	140
Central Visayas	9	9	1	1	0.38
Eastern Visayas	13	13	13	8	3
Zamboanga Peninsula	6	5	4	4	3
Northern Mindanao					
Davao Region	83	84	83	82	84
SOCCSKSARGEN	2	2	2	3	3
Caraga	1				
ARMM	165	176	163	160	156
Area (ha)					
PHILIPPINES	**1,410**	**1,378**	**1,360**	**1,308**	**1,281**
CAR	16	16	16	16	16
Ilocos Region					
Cagayan Valley	38	30	33	35	35
Central Luzon	2	2	2	2	2
CALABARZON	205	201	198	201	195
MIMAROPA	125	115	105	88	71
Bicol Region	8	8	8	8	8
Western Visayas	271	271	271	271	270
Central Visayas	38	30	25	3	3
Eastern Visayas	16	15	13	13	4
Zamboanga Peninsula	19	17	17	14	9
Northern Mindanao					
Davao Region	72	70	70	65	70
SOCCSKSARGEN	2	2	2	2	2
Caraga	2	1			
ARMM	595	600	600	590	595
Yield Per Hectare (mt)					
PHILIPPINES	**0.45**	**0.46**	**0.44**	**0.43**	**0.42**
CAR	1.10	1.08	1.06	1.04	1.03
Ilocos Region					
Cagayan Valley	0.26	0.28	0.21	0.19	0.18
Central Luzon	1.73	1.65	1.60	1.55	1.48
CALABARZON	0.63	0.55	0.57	0.49	0.48
MIMAROPA	0.27	0.26	0.23	0.23	0.26
Bicol Region	0.58	0.54	0.53	0.52	0.54
Western Visayas	0.58	0.61	0.60	0.58	0.52
Central Visayas	0.23	0.30	0.05	0.27	0.13
Eastern Visayas	0.83	0.86	0.97	0.63	0.82
Zamboanga Peninsula	0.30	0.27	0.26	0.31	0.36
Northern Mindanao					
Davao Region	1.16	1.19	1.19	1.26	1.19
SOCCSKSARGEN	0.98	1.15	1.22	1.28	1.39
Caraga	0.50				
ARMM	0.28	0.29	0.27	0.27	0.26

Table 4.5.3a LIBERICA COFFEE: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
BEARING TREES (no.)					
PHILIPPINES	**933,034**	**911,290**	**902,697**	**866,241**	**853,418**
CAR	12,938	12,950	12,950	10,875	9,800
Ilocos Region					
Cagayan Valley	23,615	18,611	18,978	18,986	18,695
Central Luzon	1,693	1,658	1,665	1,750	1,750
CALABARZON	81,550	75,535	73,044	73,049	69,845
MIMAROPA	53,252	48,565	44,016	37,320	29,220
Bicol Region	3,976	3,976	3,970	3,970	4,009
Western Visayas	150,806	150,806	150,806	150,806	150,056
Central Visayas	18,980	15,000	12,500	1,161	696
Eastern Visayas	5,580	5,231	4,750	4,672	1,371
Zamboanga Peninsula	4,930	5,040	4,850	3,850	2,845
Northern Mindanao					
Davao Region	70,750	68,518	68,518	63,250	63,881
SOCCSKSARGEN	1,530	1,350	1,200	1,200	1,150
Caraga	1,280	600			
ARMM	502,154	503,450	505,450	495,352	500,100
BEARING TREES PER HECTARE					
PHILIPPINES	**662**	**661**	**664**	**662**	**666**
CAR	809	809	809	680	613
Ilocos Region					
Cagayan Valley	621	619	574	542	533
Central Luzon	847	829	833	833	833
CALABARZON	398	376	369	363	358
MIMAROPA	425	422	419	424	412
Bicol Region	497	497	496	496	501
Western Visayas	556	556	556	556	555
Central Visayas	499	500	500	387	232
Eastern Visayas	349	349	365	374	330
Zamboanga Peninsula	257	293	285	275	316
Northern Mindanao					
Davao Region	983	979	979	973	913
SOCCSKSARGEN	765	675	600	600	575
Caraga	640	600			
ARMM	844	839	842	840	841
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**0.68**	**0.69**	**0.66**	**0.65**	**0.62**
CAR	1.36	1.33	1.31	1.52	1.68
Ilocos Region					
Cagayan Valley	0.42	0.46	0.37	0.35	0.33
Central Luzon	2.04	1.99	1.92	1.86	1.77
CALABARZON	1.59	1.48	1.56	1.36	1.35
MIMAROPA	0.63	0.63	0.56	0.55	0.64
Bicol Region	1.16	1.09	1.07	1.04	1.07
Western Visayas	1.04	1.10	1.07	1.03	0.93
Central Visayas	0.47	0.61	0.11	0.69	0.55
Eastern Visayas	2.37	2.45	2.65	1.68	2.48
Zamboanga Peninsula	1.18	0.92	0.92	1.12	1.14
Northern Mindanao					
Davao Region	1.18	1.22	1.22	1.29	1.31
SOCCSKSARGEN	1.28	1.70	2.03	2.13	2.42
Caraga	0.78				
ARMM	0.33	0.35	0.32	0.32	0.31

R/ - Revised due to inclusion of Batanes data.

Table 4.5.4 ROBUSTA COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**67,933**	**62,978**	**63,825**	**54,560**	**52,168**
CAR	4,772	4,974	5,013	4,816	4,578
Ilocos Region	50	47	45	44	45
Cagayan Valley	665	650	536	505	494
Central Luzon	1,718	1,649	1,653	1,662	1,603
CALABARZON	7,668	4,643	7,569	4,486	3,989
MIMAROPA	116	122	125	125	128
Bicol Region	255	249	252	244	224
Western Visayas	4,583	4,820	4,653	3,932	3,437
Central Visayas	181	200	215	207	192
Eastern Visayas	87	85	82	53	21
Zamboanga Peninsula	546	464	451	443	453
Northern Mindanao	5,214	5,128	4,501	4,658	4,775
Davao Region	17,162	15,347	14,114	8,321	7,850
SOCCSKSARGEN	15,325	15,134	15,499	16,292	15,797
Caraga	2,188	1,977	1,765	1,487	1,399
ARMM	7,403	7,491	7,354	7,287	7,185
Area (ha)					
PHILIPPINES	**90,320**	**89,774**	**90,355**	**87,374**	**88,417**
CAR	5,645	5,887	5,861	5,845	5,831
Ilocos Region	77	77	78	78	97
Cagayan Valley	1,889	1,750	1,700	1,813	2,076
Central Luzon	1,569	1,574	1,574	1,595	1,598
CALABARZON	11,303	10,855	10,848	10,853	10,830
MIMAROPA	564	568	577	569	748
Bicol Region	563	542	542	522	522
Western Visayas	7,882	7,887	7,883	7,882	7,810
Central Visayas	1,016	1,264	1,376	1,310	1,225
Eastern Visayas	85	120	107	94	56
Zamboanga Peninsula	587	513	497	460	454
Northern Mindanao	10,255	10,259	10,457	10,457	10,467
Davao Region	19,578	19,171	19,114	16,049	15,997
SOCCSKSARGEN	15,669	15,666	15,714	15,841	16,663
Caraga	3,863	3,860	4,246	4,246	4,276
ARMM	9,776	9,782	9,782	9,762	9,767
Yield Per Hectare (mt)					
PHILIPPINES	**0.75**	**0.70**	**0.71**	**0.62**	**0.59**
CAR	0.85	0.84	0.86	0.82	0.79
Ilocos Region	0.65	0.61	0.57	0.57	0.46
Cagayan Valley	0.35	0.37	0.32	0.28	0.24
Central Luzon	1.09	1.05	1.05	1.04	1.00
CALABARZON	0.68	0.43	0.70	0.41	0.37
MIMAROPA	0.21	0.22	0.22	0.22	0.17
Bicol Region	0.45	0.46	0.46	0.47	0.43
Western Visayas	0.58	0.61	0.59	0.50	0.44
Central Visayas	0.18	0.16	0.16	0.16	0.16
Eastern Visayas	1.02	0.71	0.76	0.56	0.37
Zamboanga Peninsula	0.93	0.90	0.91	0.96	1.00
Northern Mindanao	0.51	0.50	0.43	0.45	0.46
Davao Region	0.88	0.80	0.74	0.52	0.49
SOCCSKSARGEN	0.98	0.97	0.99	1.03	0.95
Caraga	0.57	0.51	0.42	0.35	0.33
ARMM	0.76	0.77	0.75	0.75	0.74

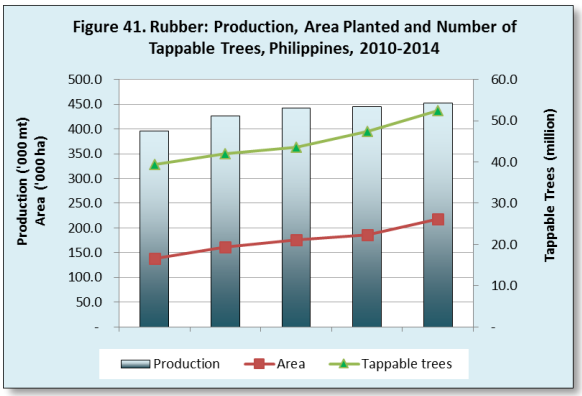
R/ - Revised due to inclusion of Batanes data.

Table 4.5.4a ROBUSTA COFFEE: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2010-2014

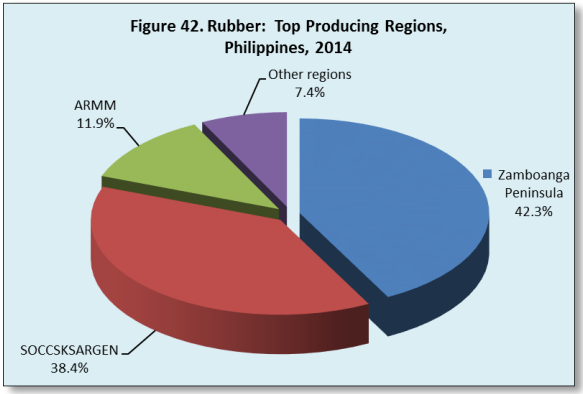
Region	2010	2011	2012	2013	2014
BEARING TREES (no.)					
PHILIPPINES	**63,488,968**	**62,896,945**	**63,532,335**	**60,766,044**	**60,478,267**
CAR	3,785,021	3,927,814	3,925,104	3,910,878	3,922,363
Ilocos Region	38,769	38,220	43,269	42,795	42,748
Cagayan Valley	1,216,235	1,126,837	1,083,802	1,090,002	1,087,931
Central Luzon	1,080,094	1,061,919	1,068,486	1,073,140	1,074,000
CALABARZON	9,633,740	9,487,180	9,483,281	9,483,286	9,476,540
MIMAROPA	203,190	204,682	209,749	208,449	200,065
Bicol Region	392,107	380,169	380,184	370,244	369,310
Western Visayas	4,965,506	4,960,279	4,958,575	4,955,382	4,891,400
Central Visayas	647,008	650,850	652,370	664,265	665,940
Eastern Visayas	52,915	84,039	78,266	73,197	28,734
Zamboanga Peninsula	379,434	331,313	324,528	315,340	347,700
Northern Mindanao	5,257,407	5,257,062	5,257,357	5,257,102	5,257,717
Davao Region	16,827,599	16,351,860	16,043,487	12,737,351	12,592,954
SOCCSKSARGEN	11,074,291	11,076,495	11,126,716	11,181,783	11,106,050
Caraga	2,389,500	2,409,450	3,348,385	3,355,257	3,354,457
ARMM	5,546,152	5,548,776	5,548,776	6,047,572	6,060,358
BEARING TREES PER HECTARE					
PHILIPPINES	**703**	**701**	**703**	**695**	**684**
CAR	671	667	670	669	673
Ilocos Region	505	499	555	552	441
Cagayan Valley	644	644	638	601	524
Central Luzon	688	675	679	673	672
CALABARZON	852	874	874	874	875
MIMAROPA	360	360	364	366	267
Bicol Region	696	701	701	709	707
Western Visayas	630	629	629	629	626
Central Visayas	637	515	474	507	544
Eastern Visayas	622	700	731	783	512
Zamboanga Peninsula	646	646	653	686	766
Northern Mindanao	513	512	503	503	502
Davao Region	860	853	839	794	787
SOCCSKSARGEN	707	707	708	706	667
Caraga	619	624	789	790	784
ARMM	567	567	567	620	620
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.07**	**1.00**	**1.00**	**0.90**	**0.86**
CAR	1.26	1.27	1.28	1.23	1.17
Ilocos Region	1.29	1.23	1.03	1.04	1.05
Cagayan Valley	0.55	0.58	0.49	0.46	0.45
Central Luzon	1.59	1.55	1.55	1.55	1.49
CALABARZON	0.80	0.49	0.80	0.47	0.42
MIMAROPA	0.57	0.60	0.60	0.60	0.64
Bicol Region	0.65	0.65	0.66	0.66	0.61
Western Visayas	0.92	0.97	0.94	0.79	0.70
Central Visayas	0.28	0.31	0.33	0.31	0.29
Eastern Visayas	1.65	1.01	1.04	0.72	0.73
Zamboanga Peninsula	1.44	1.40	1.39	1.40	1.30
Northern Mindanao	0.99	0.98	0.86	0.89	0.91
Davao Region	1.02	0.94	0.88	0.65	0.62
SOCCSKSARGEN	1.38	1.37	1.39	1.46	1.42
Caraga	0.92	0.82	0.53	0.44	0.42
ARMM	1.33	1.35	1.33	1.20	1.19

RUBBER

Throughout the period 2010-2014, rubber production increased continuously at an average annual rate of 3.5 percent, area planted by 12.0 percent, and number of tappable trees by 7.5 percent (Figure 41). In 2014, production of rubber cup lump improved by 1.9 percent to 453.05 thousand mt from 444.82 thousand mt in 2013. Increase was attributed to more trees tapped in rubber producing regions of SOCCSKSARGEN, ARMM, and Northern Mindanao.



Area planted to rubber was recorded at 217.69 thousand hectares, 17.4 percent more than the 2013 level of 185.48 thousand hectares. Similarly, numberof tappable trees grew from 47.38 million to 52.46 million or by 10.7 percent.



The leading producers of rubber cup lump and their shares to the national output in 2014 were Zamboanga Peninsula, 191.61 thousand mt; SOCCSKSARGEN, 173.98 thousand mt, and ARMM, 54.05 thousand mt. These regions had a combined output share of 92.6 percent of the national rubber production (Figure 42). Their collective shares were 85.0 percent in terms of area planted (Figure 43) and 91.0 percent in number of tappable trees.

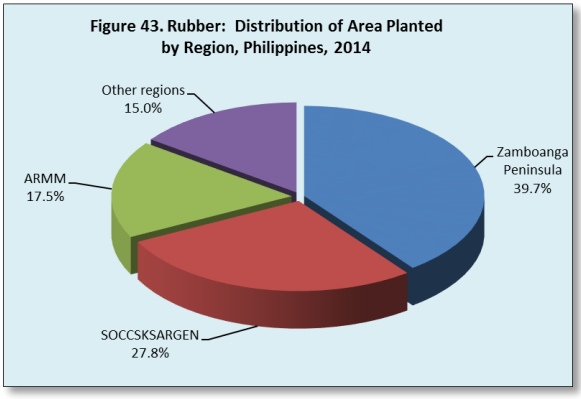


Table 4.7 RUBBER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**395,237**	**425,705**	**442,998**	**444,818**	**453,052**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	12	27	35	72	64
MIMAROPA	24	37	42	59	102
Bicol Region					
Western Visayas					
Central Visayas				9	18
Eastern Visayas					
Zamboanga Peninsula	171,126	188,934	188,855	195,357	191,610
Northern Mindanao	10,199	10,720	10,792	11,261	11,873
Davao Region	15,795	16,110	16,070	8,241	10,849
SOCCSKSARGEN	149,965	158,995	169,745	172,954	173,977
Caraga	14,619	15,248	16,611	10,031	10,509
ARMM	33,497	35,635	40,849	46,833	54,051
Area (ha)					
PHILIPPINES	**138,710**	**161,565**	**176,244**	**185,476**	**217,687**
CAR			27	27	27
Ilocos Region					
Cagayan Valley				152	122
Central Luzon					
CALABARZON	227	221	221	435	435
MIMAROPA	616	616	742	766	1,766
Bicol Region				4	4
Western Visayas					
Central Visayas	1,005	1,005	1,015	1,018	1,018
Eastern Visayas					
Zamboanga Peninsula	65,084	79,138	80,375	86,033	86,452
Northern Mindanao	4,567	6,847	6,851	6,929	8,876
Davao Region	6,409	6,622	6,693	3,533	8,518
SOCCSKSARGEN	31,927	35,681	36,713	40,916	60,516
Caraga	6,840	6,860	11,528	11,548	11,837
ARMM	22,034	24,575	32,079	34,115	38,115
Yield Per Hectare (mt)					
PHILIPPINES	**2.85**	**2.63**	**2.51**	**2.40**	**2.08**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	0.05	0.12	0.16	0.17	0.15
MIMAROPA	0.04	0.06	0.06	0.08	0.06
Bicol Region					
Western Visayas					
Central Visayas				0.01	0.02
Eastern Visayas					
Zamboanga Peninsula	2.63	2.39	2.35	2.27	2.22
Northern Mindanao	2.23	1.57	1.58	1.63	1.34
Davao Region	2.46	2.43	2.40	2.33	1.27
SOCCSKSARGEN	4.70	4.46	4.62	4.23	2.87
Caraga	2.14	2.22	1.44	0.87	0.89
ARMM	1.52	1.45	1.27	1.37	1.42

Table 4.7a RUBBER: NUMBER OF TAPPABLE TREES, TAPPABLE TREES PER HECTARE AND YIELD PER TAPPABLE TREE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
TAPPABLE TREES (no.)					
PHILIPPINES	**39,369,228**	**42,063,221**	**43,550,204**	**47,377,468**	**52,457,749**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	51,380	51,200	51,300	51,400	56,747
MIMAROPA	35,300	43,800	45,120	49,025	73,725
Bicol Region					
Western Visayas					
Central Visayas				4,060	4,210
Eastern Visayas					
Zamboanga Peninsula	18,667,792	20,673,805	20,723,502	21,091,178	21,190,130
Northern Mindanao	765,350	888,525	913,615	926,795	949,595
Davao Region	1,296,138	1,307,139	1,320,237	678,392	685,922
SOCCSKSARGEN	13,362,677	13,556,530	13,652,194	15,209,288	19,570,430
Caraga	2,487,175	2,485,625	2,912,359	2,929,078	2,934,628
ARMM	2,703,416	3,056,597	3,931,877	6,438,252	6,992,362
TAPPABLE TREES PER HECTARE					
PHILIPPINES	**284**	**260**	**247**	**255**	**241**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	226	232	232	118	130
MIMAROPA	57	71	61	64	42
Bicol Region					
Western Visayas					
Central Visayas				4	4
Eastern Visayas					
Zamboanga Peninsula	287	261	258	245	245
Northern Mindanao	168	130	133	134	107
Davao Region	202	197	197	192	81
SOCCSKSARGEN	419	380	372	372	323
Caraga	364	362	253	254	248
ARMM	123	124	123	189	183
YIELD PER TAPPABLE TREE (kg)					
PHILIPPINES	**10.04**	**10.12**	**10.17**	**9.39**	**8.64**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	0.24	0.53	0.68	1.41	1.13
MIMAROPA	0.69	0.84	0.93	1.21	1.38
Bicol Region					
Western Visayas					
Central Visayas				2.26	4.31
Eastern Visayas					
Zamboanga Peninsula	9.17	9.14	9.11	9.26	9.04
Northern Mindanao	13.33	12.06	11.81	12.15	12.50
Davao Region	12.19	12.32	12.17	12.15	15.82
SOCCSKSARGEN	11.22	11.73	12.43	11.37	8.89
Caraga	5.88	6.13	5.70	3.42	3.58
ARMM	12.39	11.66	10.39	7.27	7.73

SUGARCANE

From 2010 to 2014, sugarcane production grew at an average annual rate of 11.6 percent while area harvested by 5.5 percent (Figure 44). Total sugarcane production was estimated at 25.03 million mt in 2014, 1.8 percent more than the 2013 level of 24.58 million mt. The biggest increments were recorded in Western Visayas at 637.83 thousand mt and in Central Visayas by 218.03 thousand mt attributed to efficient use of fertilizer in Negros Occidental and Negros Oriental. Increases were also noted in Cagayan Valley by 77.59 thousand mt, Cordillera Administrative Region (CAR), 36.81 thousand mt; and Eastern Visayas, 30.35 thousand mt due to expansions in harvest areas in Isabela, Kalinga, and Leyte.

Figure 44. Sugarcane: Production and Area Harvested, Philippines, 2010-2014

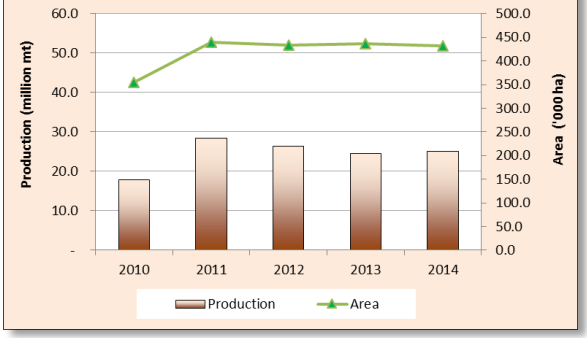


Figure 45. Sugarcane: Top Producing Regions, Philippines, 2014

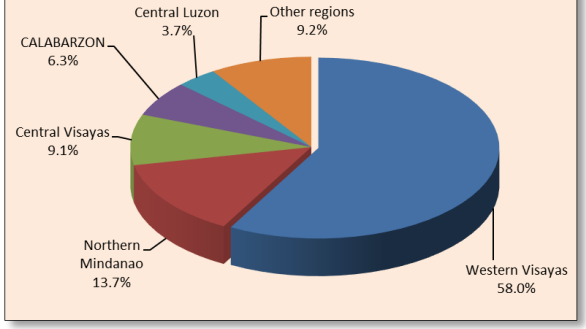
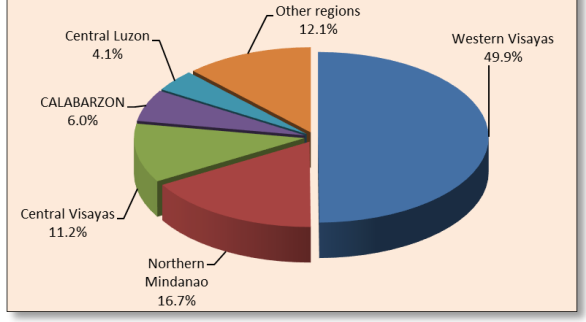


Figure 46. Sugarcane: Distribution of area planted by region, Philippines, 2014



Western Visayas remained the top sugarcane producer with 14.52 million mt accounting for 58.0 percent of the national sugarcane production (Figure 45). Other major sugarcane producers were Northern Mindanao, Central Visayas, and CALABARZON with collective output of 7.29 million mt. Western Visayas posted the largest area harvested at 215.53 thousand hectares representing about half of the country's national total (Figure 46).

Table 4.8 SUGARCANE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

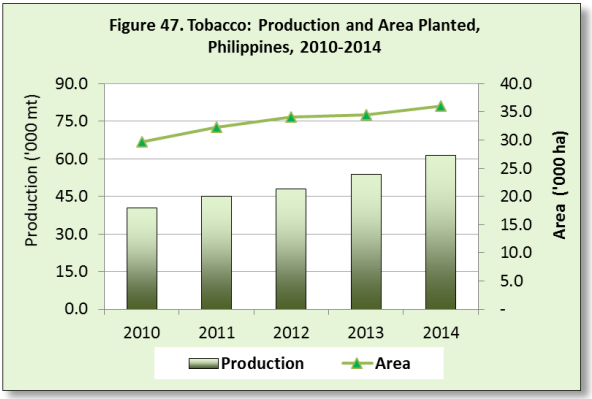
Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**17,929,269**	**28,376,518**	**26,395,915**	**24,584,841**	**25,029,880**
CAR	6,992	7,977	7,568	12,895	49,709
Ilocos Region	19,614	18,613	19,029	19,320	19,313
Cagayan Valley	181,546	176,322	251,805	491,489	569,077
Central Luzon	840,863	998,978	1,393,964	996,970	923,074
CALABARZON	1,665,807	2,132,415	1,918,858	1,783,985	1,578,076
MIMAROPA					
Bicol Region	224,001	306,049	282,047	259,311	259,239
Western Visayas	9,778,749	15,418,669	14,577,517	13,886,060	14,523,886
Central Visayas	1,497,817	2,516,978	2,055,411	2,054,460	2,272,491
Eastern Visayas	352,949	516,706	395,844	318,297	348,642
Zamboanga Peninsula	368	355	316	295	288
Northern Mindanao	2,549,197	4,870,725	4,045,379	3,496,230	3,441,056
Davao Region	256,802	535,122	453,209	438,231	335,684
SOCCSKSARGEN	505,692	821,513	902,178	735,087	632,979
Caraga	3	1	1	1	0.46
ARMM	48,871	56,095	92,791	92,209	76,364
Area (ha)					
PHILIPPINES	**354,878**	**439,698**	**433,303**	**437,070**	**432,026**
CAR	171	170	170	339	1,217
Ilocos Region	454	444	448	451	441
Cagayan Valley	5,796	5,480	6,399	12,205	16,212
Central Luzon	17,816	18,826	20,233	18,976	17,664
CALABARZON	29,136	33,495	31,553	29,607	26,102
MIMAROPA					
Bicol Region	5,523	6,181	6,060	5,533	5,530
Western Visayas	170,262	214,657	214,338	221,230	215,532
Central Visayas	41,884	44,074	42,749	44,988	48,278
Eastern Visayas	8,412	8,412	8,557	6,512	8,542
Zamboanga Peninsula	98	97	91	90	87
Northern Mindanao	55,297	82,700	76,373	70,871	72,008
Davao Region	7,332	11,317	9,598	9,607	7,999
SOCCSKSARGEN	11,726	12,942	15,238	15,128	11,115
Caraga	3	3	3	3	2
ARMM	968	901	1,494	1,531	1,297
Yield Per Hectare (mt)					
PHILIPPINES	**50.52**	**64.54**	**60.92**	**56.25**	**57.94**
CAR	40.89	46.92	44.52	38.04	40.85
Ilocos Region	43.25	41.93	42.46	42.83	43.83
Cagayan Valley	31.32	32.18	39.35	40.27	35.10
Central Luzon	47.20	53.06	68.89	52.54	52.26
CALABARZON	57.17	63.66	60.81	60.26	60.46
MIMAROPA					
Bicol Region	40.56	49.51	46.54	46.87	46.88
Western Visayas	57.43	71.83	68.01	62.77	67.39
Central Visayas	35.76	57.11	48.08	45.67	47.07
Eastern Visayas	41.96	61.42	46.26	48.88	40.81
Zamboanga Peninsula	3.75	3.65	3.48	3.26	3.31
Northern Mindanao	46.10	58.90	52.97	49.33	47.79
Davao Region	35.02	47.29	47.22	45.62	41.96
SOCCSKSARGEN	43.12	63.48	59.20	48.59	56.95
Caraga	1.10	0.32	0.29	0.29	0.19
ARMM	50.49	62.28	62.12	60.23	58.88

R/ - Revised due to inclusion of Batanes data.

TOBACCO

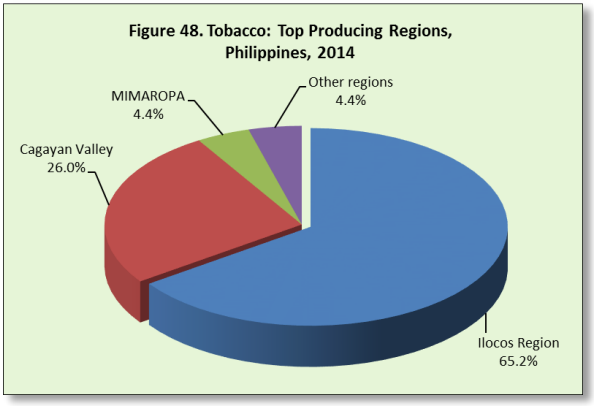
From 2010 to 2014, production and area planted to tobacco grew annually at an average rate of 11.0 percent and 5.0 percent, respectively (Figure 47). In 2014, production increased to 61.42 thousand mt from 53.75 thousand mt in 2013 or by 14.3 percent. The biggest increase was noted in Cagayan Valley at 3.08 thousand mt attributed to expanded areas for Burley tobacco in Isabela. In Ilocos Region, production went up by 2.96 thousand mt due to expanded areas in Ilocos Sur brought by the sustained good price of Virginia tobacco. In Ilocos Norte, higher production for Virginia and Burley tobacco was due to additional area planted from previously in-fallow areas and crop shifting from corn and mongo.

Figure 47. Tobacco: Production and Area Planted, Philippines, 2010-2014

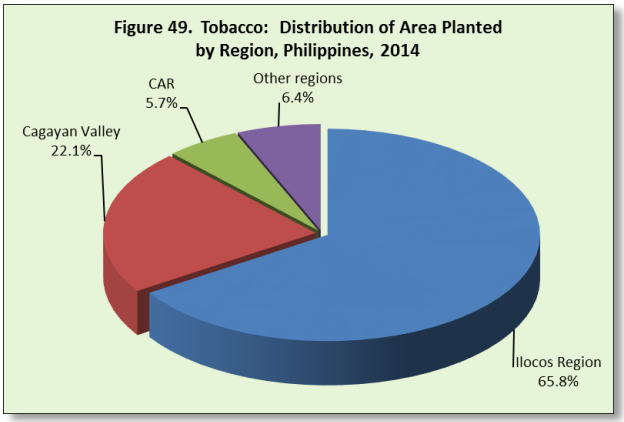


Ilocos Region, the largest producer of tobacco at 40.07 thousand mt accounted for 65.2 percent of the output in 2014. Cagayan Valley followed with 15.97 thousand mt. These two (2) regions had a combined share of 91.2 percent (Figure 48). Similarly, Ilocos Region had the largest area planted to tobacco at 23.75 thousand hectares contributing 65.8 percent to the national total (Figure 49).

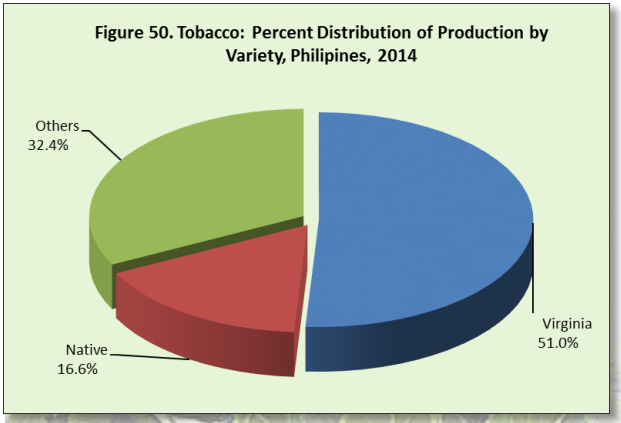
Figure 48. Tobacco: Top Producing Regions, Philippines, 2014



In 2014, Virginia tobacco recorded the biggest production at 31.32 thousand mt or a share of 51.0 percent to the national total. Native variety had 10.17 thousand mt, and other varieties which were mostly Burley, had 19.93 thousand mt (Figure 50).



Virginia tobacco. In 2014, production of Virginia tobacco rose by 10.9 percent to 31.32 thousand mt from the 2013 level of 28.25 thousand mt. Similarly, area planted increased by 2.9 percent to 21.13 thousand hectares in 2014 from last year's 20.54 thousand hectares.



Ilocos Region posted the highest production at 29.89 thousand mt representing 95.4 percent of the country's total Virginia tobacco output. The region had the largest area planted at 18.98 thousand hectares comprising 89.8 percent of the national total.

Table 4.9 TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**40,530**	**44,944**	**48,075**	**53,753**	**61,418**
CAR	941	926	949	964	1,257
Ilocos Region	27,325	30,171	32,538	37,111	40,073
Cagayan Valley	10,502	12,277	12,960	12,889	15,968
Central Luzon	195	168	29	33	30
CALABARZON					
MIMAROPA	563	622	597	1,540	2,702
Bicol Region	3				
Western Visayas	323	298	305	163	275
Central Visayas	16	11	9	10	10
Eastern Visayas	20	19	18	13	8
Zamboanga Peninsula	21	16	15	16	27
Northern Mindanao	481	311	547	936	1,005
Davao Region	22	20	19	17	17
SOCCSKSARGEN	54	50	46	37	30
Caraga	4	2	2	1	1
ARMM	61	54	41	24	15
Area (ha)					
PHILIPPINES	**29,707**	**32,235**	**34,025**	**34,451**	**36,082**
CAR	2,018	2,013	2,052	2,051	2,051
Ilocos Region	20,021	21,509	22,278	23,055	23,747
Cagayan Valley	6,595	7,716	8,403	7,371	7,980
Central Luzon	100	100	100	100	90
CALABARZON					
MIMAROPA	265	308	301	700	1,121
Bicol Region	4				
Western Visayas	184	182	181	107	169
Central Visayas	26	25	20	19	19
Eastern Visayas	29	26	24	22	17
Zamboanga Peninsula	30	28	23	30	31
Northern Mindanao	350	250	576	943	810
Davao Region	17	15	14	12	12
SOCCSKSARGEN	40	38	34	28	22
Caraga	6	6	5	3	3
ARMM	22	20	15	10	9
Yield Per Hectare (mt)					
PHILIPPINES	**1.36**	**1.39**	**1.41**	**1.56**	**1.70**
CAR	0.47	0.46	0.46	0.47	0.61
Ilocos Region	1.36	1.40	1.46	1.61	1.69
Cagayan Valley	1.59	1.59	1.54	1.75	2.00
Central Luzon	1.95	1.68	0.29	0.33	0.33
CALABARZON					
MIMAROPA	2.12	2.02	1.98	2.20	2.41
Bicol Region	0.69				
Western Visayas	1.76	1.64	1.69	1.52	1.63
Central Visayas	0.61	0.42	0.46	0.50	0.52
Eastern Visayas	0.70	0.74	0.76	0.56	0.45
Zamboanga Peninsula	0.71	0.57	0.66	0.53	0.86
Northern Mindanao	1.38	1.24	0.95	0.99	1.24
Davao Region	1.27	1.35	1.35	1.42	1.43
SOCCSKSARGEN	1.34	1.31	1.37	1.34	1.37
Caraga	0.74	0.27	0.31	0.46	0.33
ARMM	2.77	2.68	2.75	2.43	1.68

Table 4.9.1 NATIVE TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**10,765**	**11,546**	**10,525**	**10,805**	**10,169**
CAR	5	5	17	10	14
Ilocos Region	4,164	4,055	4,236	4,076	4,127
Cagayan Valley	5,590	6,704	5,270	5,519	4,828
Central Luzon					
CALABARZON					
MIMAROPA	3	2	2	2	2
Bicol Region	3				
Western Visayas	323	298	305	163	275
Central Visayas	14	10	9	9	10
Eastern Visayas	20	19	18	13	8
Zamboanga Peninsula	21	16	15	16	27
Northern Mindanao	481	311	546	919	815
Davao Region	22	20	19	17	17
SOCCSKSARGEN	54	50	46	37	30
Caraga	4	2	2	1	1
ARMM	61	54	41	24	15
Area (ha)					
PHILIPPINES	**7,143**	**7,965**	**7,723**	**7,074**	**6,127**
CAR	7	7	41	18	18
Ilocos Region	2,507	2,490	2,507	2,193	2,263
Cagayan Valley	3,918	4,877	4,284	3,692	2,882
Central Luzon					
CALABARZON					
MIMAROPA	3	3	2	2	2
Bicol Region	4				
Western Visayas	184	182	181	107	169
Central Visayas	25	24	19	18	18
Eastern Visayas	29	26	24	22	17
Zamboanga Peninsula	30	28	23	30	31
Northern Mindanao	350	250	575	938	680
Davao Region	17	15	14	12	12
SOCCSKSARGEN	40	38	34	28	22
Caraga	6	6	5	3	3
ARMM	22	20	15	10	9
Yield Per Hectare (mt)					
PHILIPPINES	**1.51**	**1.45**	**1.36**	**1.53**	**1.66**
CAR	0.71	0.72	0.42	0.55	0.76
Ilocos Region	1.66	1.63	1.69	1.86	1.82
Cagayan Valley	1.43	1.37	1.23	1.49	1.68
Central Luzon					
CALABARZON					
MIMAROPA	0.84	0.83	0.74	0.73	0.75
Bicol Region	0.69				
Western Visayas	1.76	1.64	1.69	1.52	1.63
Central Visayas	0.57	0.40	0.45	0.52	0.54
Eastern Visayas	0.70	0.74	0.76	0.56	0.45
Zamboanga Peninsula	0.71	0.57	0.66	0.53	0.86
Northern Mindanao	1.38	1.24	0.95	0.98	1.20
Davao Region	1.27	1.35	1.35	1.42	1.43
SOCCSKSARGEN	1.34	1.31	1.37	1.34	1.37
Caraga	0.74	0.27	0.31	0.46	0.33
ARMM	2.77	2.68	2.75	2.43	1.68

Table 4.9.2 VIRGINIA TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**18,839**	**21,447**	**23,644**	**28,245**	**31,321**
CAR	935	920	930	944	1,226
Ilocos Region	17,903	20,526	22,694	27,267	29,889
Cagayan Valley			19	17	16
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	2	1	0.64	0.47	0.38
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao			1	17	190
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**17,392**	**18,731**	**19,508**	**20,539**	**21,133**
CAR	2,010	2,005	2,010	2,010	2,010
Ilocos Region	15,381	16,725	17,481	18,509	18,980
Cagayan Valley			15	13	12
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	1	1	1	2	1
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao			1	5	130
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**1.08**	**1.15**	**1.21**	**1.38**	**1.48**
CAR	0.47	0.46	0.46	0.47	0.61
Ilocos Region	1.16	1.23	1.30	1.47	1.57
Cagayan Valley			1.25	1.30	1.32
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	2.51	0.95	0.64	0.31	0.29
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao			1.33	3.30	1.46
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					

D. VEGETABLES, ROOT CROPS and TUBERS

CABBAGE

Cabbage production in 2011 of 125.31 thousand mt was lower by 2.8 percent than its 2010 level of 128.96 thousand mt. However, it managed to increase from 126.38 thousand mt in 2012 to 127.99 thousand mt in 2014 at an average annual rate of 0.7 percent (Figure 51).

The Cordillera Administrative Region (CAR) was consistently the top producer of cabbage. In 2014, it produced 99.52 thousand mt or 77.8 percent of the country's total output (Figure 52). This was followed by Central Visayas with 6.8 percent and Northern Mindanao with 5.2 percent shares.

The same trend was observed in terms of area harvested, except for Davao Region and Northern Mindanao that ranked third and fourth respectively (Figure 53).

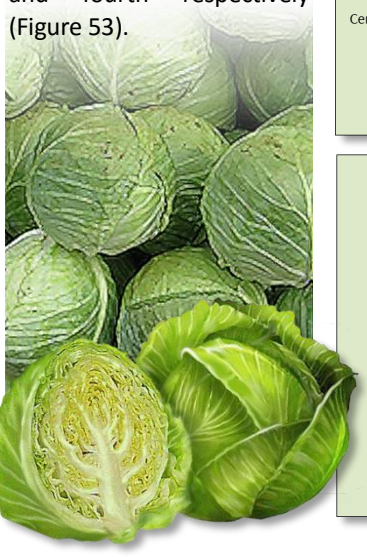


Figure 51. Cabbage: Production and Area, Philippines, 2010-2014

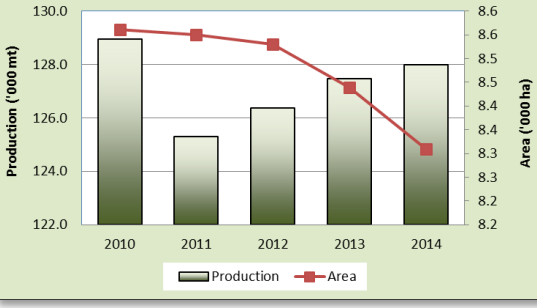


Figure 52. Cabbage: Top Producing Regions, Philippines, 2014

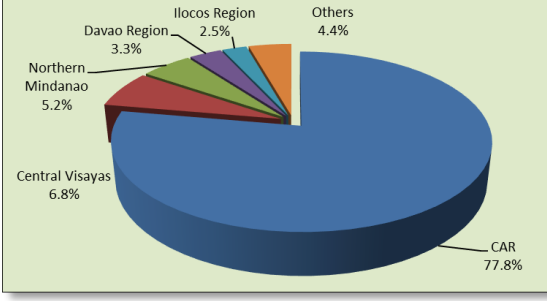


Figure 53. Cabbage: Distribution of Area Harvested, by Region, Philippines, 2014

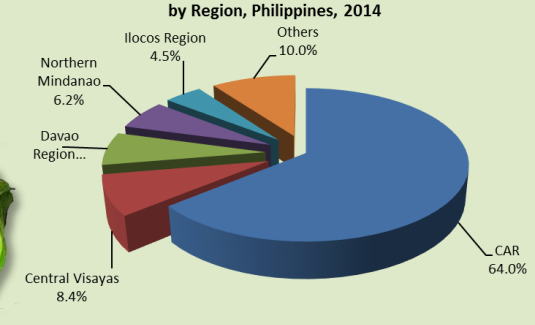


Table 5.1 CABBAGE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

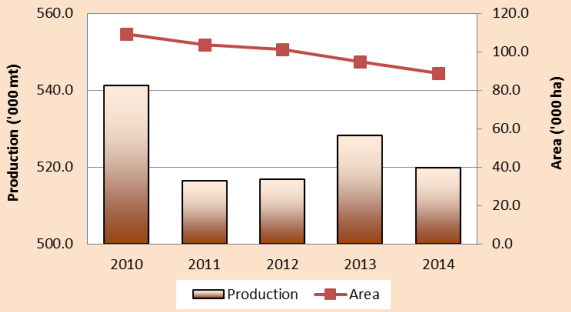
Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**128,964**	**125,309**	**126,381**	**127,463**	**127,986**
CAR	102,344	98,943	99,362	99,958	99,520
Ilocos Region	2,887	3,012	3,044	3,160	3,215
Cagayan Valley	1,360	1,274	1,228	1,184	1,189
Central Luzon					
CALABARZON	863	848	853	797	828
MIMAROPA	28	28	28	29	30
Bicol Region	283	265	256	239	187
Western Visayas	477	484	488	451	441
Central Visayas	7,786	7,947	8,199	8,519	8,688
Eastern Visayas	188	181	180	149	133
Zamboanga Peninsula	314	317	326	534	773
Northern Mindanao	5,736	5,752	6,091	6,297	6,710
Davao Region	4,522	4,212	4,215	4,144	4,247
SOCCSKSARGEN	1,545	1,564	1,641	1,532	1,564
Caraga	77	18	21	11	4
ARMM	556	465	450	459	460
Area (ha)					
PHILIPPINES	**8,561**	**8,550**	**8,531**	**8,439**	**8,310**
CAR	5,436	5,444	5,442	5,402	5,316
Ilocos Region	367	369	367	369	372
Cagayan Valley	195	193	197	191	193
Central Luzon					
CALABARZON	130	133	132	127	130
MIMAROPA	17	20	22	22	21
Bicol Region	32	27	26	24	21
Western Visayas	67	67	69	65	65
Central Visayas	749	759	704	709	694
Eastern Visayas	34	33	58	52	24
Zamboanga Peninsula	109	113	119	104	90
Northern Mindanao	490	490	494	499	519
Davao Region	616	601	592	581	577
SOCCSKSARGEN	223	223	230	221	219
Caraga	18	4	8	5	2
ARMM	79	75	71	69	67
Yield Per Hectare (mt)					
PHILIPPINES	**15.06**	**14.66**	**14.81**	**15.10**	**15.40**
CAR	18.83	18.18	18.26	18.51	18.72
Ilocos Region	7.87	8.16	8.29	8.56	8.64
Cagayan Valley	6.97	6.62	6.22	6.19	6.16
Central Luzon					
CALABARZON	6.64	6.37	6.46	6.28	6.37
MIMAROPA	1.63	1.38	1.30	1.30	1.45
Bicol Region	8.97	9.71	9.88	9.80	8.83
Western Visayas	7.11	7.23	7.07	6.94	6.78
Central Visayas	10.40	10.47	11.65	12.01	12.52
Eastern Visayas	5.55	5.50	3.10	2.89	5.49
Zamboanga Peninsula	2.88	2.81	2.75	5.16	8.55
Northern Mindanao	11.71	11.74	12.33	12.62	12.94
Davao Region	7.34	7.01	7.12	7.13	7.36
SOCCSKSARGEN	6.94	7.02	7.12	6.94	7.14
Caraga	4.25	4.13	2.52	2.39	2.15
ARMM	7.04	6.20	6.34	6.66	6.86

R/ - Revised due to inclusion of Batanes data.

CAMOTE

In 2010 to 2014, camote production fluctuated in a downward trend at an average annual rate of 0.9 percent (Figure 54).

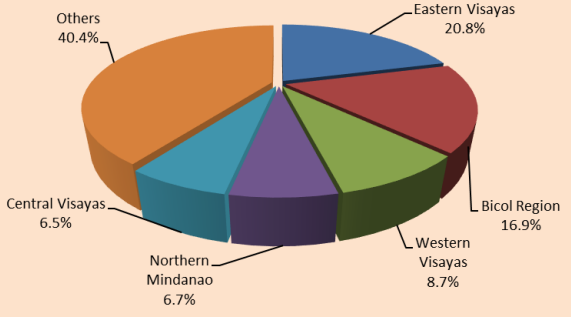
Figure 54. Camote Production and Area, Philippines, 2010-2014

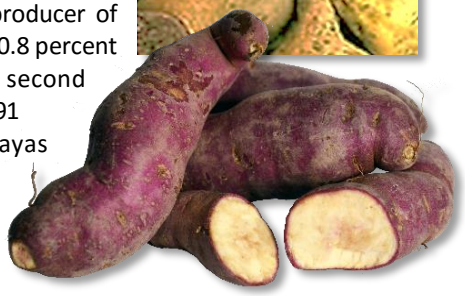


Production level dropped by 1.6 percent from 2013 with 528.25 mt compared to only 519.86 mt in 2014.

Area harvested continuously decreased at an average annual rate of 5.0 percent from 109.44 thousand hectares in 2010 to 88.97 thousand hectares in 2014. Remarkable decreases in area harvested were noted in Bicol region, Central and Eastern Visayas regions, Caraga and ARMM.

Figure 55. Camote: Top Producing Regions, Philippines, 2014





Eastern Visayas was the top producer of camote in 2014 at 108.04 thousand mt or 20.8 percent of the national output (Figure 55). The second largest producer was Bicol region with 87.91 thousand mt., followed by Western Visayas with 45.08 thousand mt. Their respective shares to the national camote output were 16.9 percent and 8.7 percent, respectively.

Likewise, Eastern Visayas shared the largest area of 20.57 thousand hectares or 23.1 percent of the country's total area harvested for camote (Figure 56).

This was followed by Bicol region with 18.04 thousand hectares, Central Luzon with 6.95 thousand hectares, Western Visayas with 6.64 thousand hectares and Central Visayas with 5.97 thousand hectares of area harvested to camote.

Figure 56. Camote: Distribution of Area Harvested, by Region, Philippines, 2014

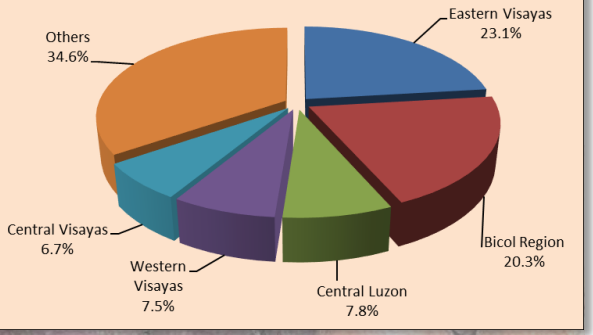


Table 5.2 CAMOTE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

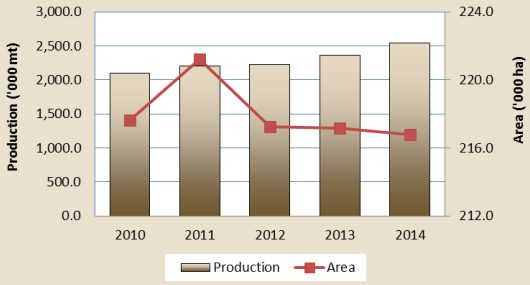
Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**541,265**	**516,338**	**516,907**	**528,250**	**519,855**
CAR	16,520	15,976	15,711	15,560	15,610
Ilocos Region	15,516	15,256	14,977	14,955	15,142
Cagayan Valley	11,068	11,063	10,900	10,373	8,558
Central Luzon	31,544	30,004	31,196	31,027	32,822
CALABARZON	32,312	31,390	32,472	31,609	32,037
MIMAROPA	12,851	13,319	13,882	15,144	15,866
Bicol Region	94,701	92,121	91,943	94,881	87,911
Western Visayas	44,455	45,345	45,642	44,711	45,083
Central Visayas	40,847	38,718	32,555	32,814	33,980
Eastern Visayas	118,040	118,983	123,350	117,849	108,045
Zamboanga Peninsula	8,774	8,952	8,547	20,202	21,895
Northern Mindanao	29,725	31,530	32,474	34,119	34,795
Davao Region	19,901	19,014	18,417	18,597	19,243
SOCCSKSARGEN	10,457	10,783	10,782	10,803	10,547
Caraga	48,475	27,908	27,939	29,434	32,056
ARMM	6,081	5,977	6,121	6,171	6,264
Area (ha)					
PHILIPPINES	**109,438**	**103,704**	**101,087**	**94,844**	**88,968**
CAR	3,033	3,018	3,069	3,049	3,021
Ilocos Region	3,060	3,015	3,017	2,990	2,995
Cagayan Valley	1,843	1,751	1,736	1,650	1,483
Central Luzon	6,793	6,789	6,942	6,932	6,951
CALABARZON	3,865	3,862	3,851	3,954	3,936
MIMAROPA	2,482	2,527	2,551	2,556	2,545
Bicol Region	19,603	19,422	19,454	18,978	18,039
Western Visayas	6,648	6,709	6,748	6,639	6,641
Central Visayas	11,548	10,237	8,432	7,301	5,968
Eastern Visayas	25,491	24,876	24,655	22,809	20,574
Zamboanga Peninsula	3,076	3,041	2,956	2,605	2,425
Northern Mindanao	2,602	2,644	2,674	2,717	2,731
Davao Region	4,155	3,833	3,742	3,729	3,717
SOCCSKSARGEN	1,574	1,574	1,550	1,549	1,479
Caraga	11,099	7,915	7,229	5,149	4,746
ARMM	2,566	2,491	2,481	2,238	1,718
Yield Per Hectare (mt)					
PHILIPPINES	**4.95**	**4.98**	**5.11**	**5.57**	**5.84**
CAR	5.45	5.29	5.12	5.10	5.17
Ilocos Region	5.07	5.06	4.96	5.00	5.06
Cagayan Valley	6.00	6.32	6.28	6.29	5.77
Central Luzon	4.64	4.42	4.49	4.48	4.72
CALABARZON	8.36	8.13	8.43	8.00	8.14
MIMAROPA	5.18	5.27	5.44	5.93	6.24
Bicol Region	4.83	4.74	4.73	5.00	4.87
Western Visayas	6.69	6.76	6.76	6.73	6.79
Central Visayas	3.54	3.78	3.86	4.49	5.69
Eastern Visayas	4.63	4.78	5.00	5.17	5.25
Zamboanga Peninsula	2.85	2.94	2.89	7.75	9.03
Northern Mindanao	11.42	11.92	12.15	12.56	12.74
Davao Region	4.79	4.96	4.92	4.99	5.18
SOCCSKSARGEN	6.64	6.85	6.96	6.98	7.13
Caraga	4.37	3.53	3.86	5.72	6.75
ARMM	2.37	2.40	2.47	2.76	3.65

R/ - Revised due to inclusion of Batanes data.

CASSAVA

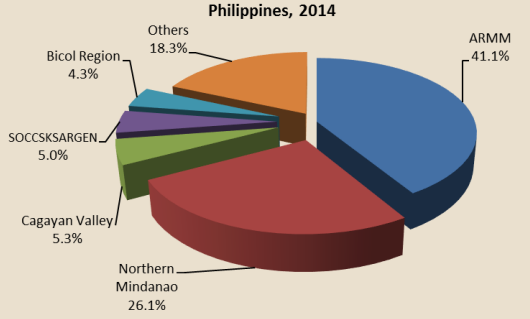
Cassava production grew at an average annual rate of 4.9 percent from 2010 to 2014 (Figure 57). The country came up with 2.54 million mt in 2014.

Figure 57. Cassava: Production and Area, Philippines, 2010-2014



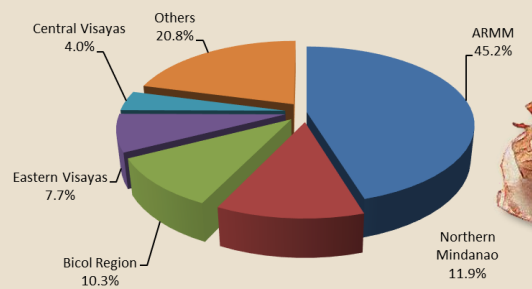
In 2010, area harvested to cassava was 217.62 thousand hectares. It increased to 221.24 thousand hectares in 2011 but continuously decreased to 216.78 thousand hectares in 2014 at an average annual rate of 0.7 percent.

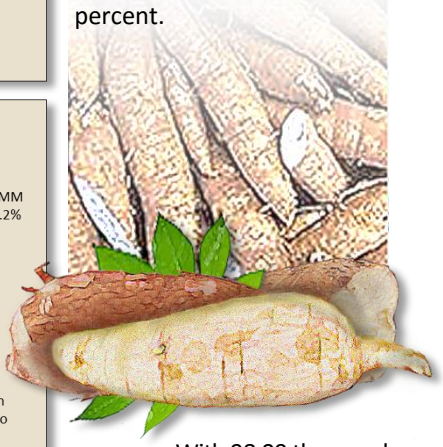
Figure 58. Cassava: Top Producing Regions, Philippines, 2014



ARMM with 1.04 million mt of cassava production in 2014 remained as the top producer. It accounted for 41.1 percent of the country's total output in 2014 (Figure 58). Northern Mindanao followed with a share of 26.1 percent and Cagayan Valley with 5.3 percent.

Figure 59. Cassava: Distribution of Area Harvested, by Region, Philippines, 2014





With 98.09 thousand hectares or 45.2 percent, ARMM shared the largest area harvested of cassava in the country (Figure 59). This was followed by Northern Mindanao with 25.82 thousand hectares and Bicol region with 22.25 thousand hectares of area harvested to cassava.

Table 5.3 CASSAVA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**2,101,454**	**2,209,684**	**2,223,182**	**2,361,561**	**2,540,254**
CAR	1,813	1,671	2,194	11,621	12,197
Ilocos Region	17,933	17,746	17,563	17,274	17,513
Cagayan Valley	41,291	70,060	66,920	77,723	135,867
Central Luzon	9,449	10,032	18,428	18,682	20,505
CALABARZON	50,368	47,980	49,020	49,934	51,398
MIMAROPA	12,207	12,858	13,541	16,705	19,025
Bicol Region	114,625	110,020	111,236	113,790	109,021
Western Visayas	60,116	61,921	62,408	62,560	61,238
Central Visayas	118,668	128,156	109,571	90,698	90,556
Eastern Visayas	73,392	78,805	81,918	90,331	79,976
Zamboanga Peninsula	30,746	30,352	30,053	52,310	77,185
Northern Mindanao	471,511	551,123	558,955	601,289	663,580
Davao Region	14,788	14,511	14,454	15,969	17,958
SOCCSKSARGEN	34,556	43,386	47,852	89,868	121,823
Caraga	41,124	23,609	20,101	17,700	17,181
ARMM	1,008,867	1,007,454	1,018,969	1,035,107	1,045,233
Area (ha)					
PHILIPPINES	**217,622**	**221,235**	**217,259**	**217,146**	**216,775**
CAR	317	313	489	632	655
Ilocos Region	2,312	2,264	1,944	1,905	1,897
Cagayan Valley	3,336	4,859	4,843	4,895	8,637
Central Luzon	1,207	1,312	1,577	1,681	1,786
CALABARZON	7,894	7,885	7,803	7,896	7,641
MIMAROPA	2,346	2,389	2,471	2,602	2,600
Bicol Region	22,830	22,750	22,753	22,825	22,254
Western Visayas	6,682	6,749	6,807	6,726	6,574
Central Visayas	15,131	15,894	11,521	10,624	8,759
Eastern Visayas	22,714	22,533	21,441	19,675	16,672
Zamboanga Peninsula	7,052	7,015	6,989	6,499	6,027
Northern Mindanao	20,938	24,358	24,440	25,168	25,821
Davao Region	2,174	2,159	2,103	2,175	2,342
SOCCSKSARGEN	1,984	2,111	2,215	3,497	4,282
Caraga	6,678	4,474	4,085	2,860	2,740
ARMM	94,029	94,171	95,777	97,486	98,089
Yield Per Hectare (mt)					
PHILIPPINES	**9.66**	**9.99**	**10.23**	**10.88**	**11.72**
CAR	5.73	5.34	4.49	18.39	18.63
Ilocos Region	7.76	7.84	9.03	9.07	9.23
Cagayan Valley	12.38	14.42	13.82	15.88	15.73
Central Luzon	7.83	7.65	11.69	11.11	11.48
CALABARZON	6.38	6.08	6.28	6.32	6.73
MIMAROPA	5.20	5.38	5.48	6.42	7.32
Bicol Region	5.02	4.84	4.89	4.99	4.90
Western Visayas	9.00	9.17	9.17	9.30	9.32
Central Visayas	7.84	8.06	9.51	8.54	10.34
Eastern Visayas	3.23	3.50	3.82	4.59	4.80
Zamboanga Peninsula	4.36	4.33	4.30	8.05	12.81
Northern Mindanao	22.52	22.63	22.87	23.89	25.70
Davao Region	6.80	6.72	6.87	7.34	7.67
SOCCSKSARGEN	17.42	20.56	21.61	25.70	28.45
Caraga	6.16	5.28	4.92	6.19	6.27
ARMM	10.73	10.70	10.64	10.62	10.66

R/ - Revised due to inclusion of Batanes data.

EGGPLANT

Eggplant production grew at an average annual rate of 2.0 percent from 208.24 thousand mt in 2010 to 225.58 thousand mt in 2014 (Figure 60). However, area harvested during the period contracted from 21.42 thousand hectares to 21.16 thousand hectares at an average annual rate of 0.3 percent.

In 2014, Ilocos Region remained the top producer of eggplant at 79.40 thousand mt and accounted for 35.2 percent of total production in the country (Figure 61). CALABARZON trailed with 36.87 thousand mt or 16.3 percent share to the national output. Central Luzon followed with 20.92 thousand mt or 9.3 percent of the total eggplant production in 2014.

Ilocos region as the top producer shared the largest area harvested at 4.97 thousand hectares or 23.5 percent of the country's total area devoted to eggplant (Figure 62). Central Luzon ranked second with 2.79 thousand hectares, and followed by Cagayan Valley with 1.96 thousand hectares of eggplant.

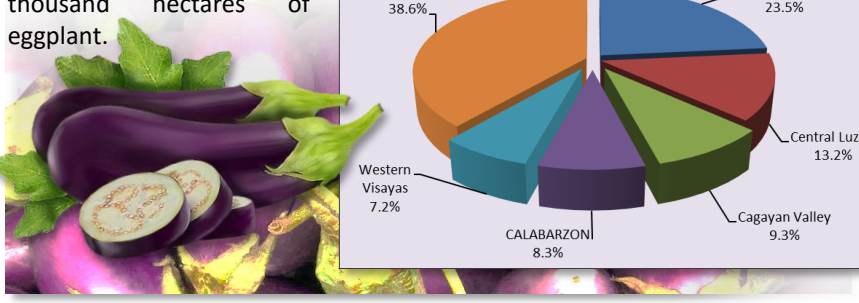


Figure 60. Eggplant: Production and Area, Philippines, 2010-2014

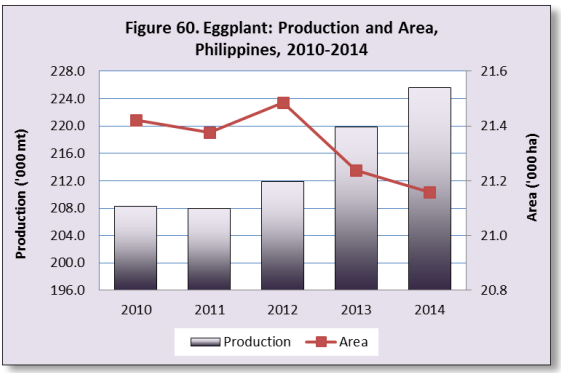


Figure 61. Eggplant: Top Producing Regions, Philippines, 2014

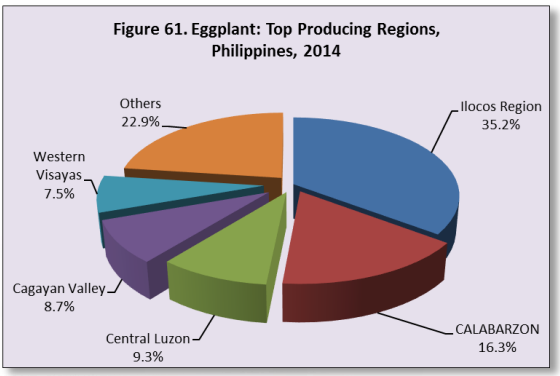


Figure 62. Eggplant: Distribution of Area Harvested, by Region, Philippines, 2014

Table 5.4 EGGPLANT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**208,242**	**207,994**	**211,885**	**219,911**	**225,579**
CAR	796	805	823	892	957
Ilocos Region	73,659	75,375	76,193	78,136	79,400
Cagayan Valley	18,264	19,320	19,872	20,477	19,723
Central Luzon	19,225	18,863	19,019	19,358	20,918
CALABARZON	37,573	36,401	36,150	36,667	36,872
MIMAROPA	2,458	2,625	2,768	3,444	3,768
Bicol Region	7,159	6,937	7,306	7,882	7,115
Western Visayas	14,730	15,086	15,660	16,051	17,022
Central Visayas	8,463	7,284	7,562	8,788	9,551
Eastern Visayas	2,236	2,251	2,315	2,316	2,007
Zamboanga Peninsula	1,811	1,818	1,848	3,264	4,492
Northern Mindanao	3,794	4,102	4,323	4,535	4,779
Davao Region	6,646	6,450	6,632	6,886	7,059
SOCCSKSARGEN	6,897	7,092	7,400	7,082	7,308
Caraga	3,922	2,974	3,363	3,474	3,946
ARMM	610	612	652	660	664
Area (ha)					
PHILIPPINES	**21,423**	**21,377**	**21,485**	**21,239**	**21,159**
CAR	134	133	137	142	147
Ilocos Region	4,815	4,866	4,905	4,938	4,969
Cagayan Valley	1,743	1,875	1,893	1,923	1,963
Central Luzon	2,908	2,914	2,938	2,718	2,786
CALABARZON	1,775	1,877	1,803	1,798	1,752
MIMAROPA	956	984	988	963	980
Bicol Region	1,383	1,355	1,363	1,359	1,359
Western Visayas	1,469	1,495	1,527	1,478	1,516
Central Visayas	1,918	1,649	1,632	1,642	1,401
Eastern Visayas	343	352	355	344	324
Zamboanga Peninsula	594	593	602	559	545
Northern Mindanao	775	795	814	831	839
Davao Region	1,219	1,173	1,162	1,174	1,162
SOCCSKSARGEN	624	631	638	626	642
Caraga	544	468	499	510	560
ARMM	225	219	230	236	215
Yield Per Hectare (mt)					
PHILIPPINES	**9.72**	**9.73**	**9.86**	**10.35**	**10.66**
CAR	5.95	6.06	6.01	6.28	6.51
Ilocos Region	15.30	15.49	15.53	15.82	15.98
Cagayan Valley	10.48	10.30	10.50	10.65	10.05
Central Luzon	6.61	6.47	6.47	7.12	7.51
CALABARZON	21.17	19.39	20.05	20.40	21.05
MIMAROPA	2.57	2.67	2.80	3.58	3.84
Bicol Region	5.18	5.12	5.36	5.80	5.24
Western Visayas	10.03	10.09	10.26	10.86	11.23
Central Visayas	4.41	4.42	4.64	5.35	6.82
Eastern Visayas	6.51	6.40	6.53	6.74	6.20
Zamboanga Peninsula	3.05	3.07	3.07	5.84	8.25
Northern Mindanao	4.90	5.16	5.31	5.46	5.70
Davao Region	5.45	5.50	5.71	5.87	6.08
SOCCSKSARGEN	11.06	11.25	11.60	11.32	11.38
Caraga	7.21	6.35	6.73	6.81	7.05
ARMM	2.71	2.79	2.83	2.80	3.09

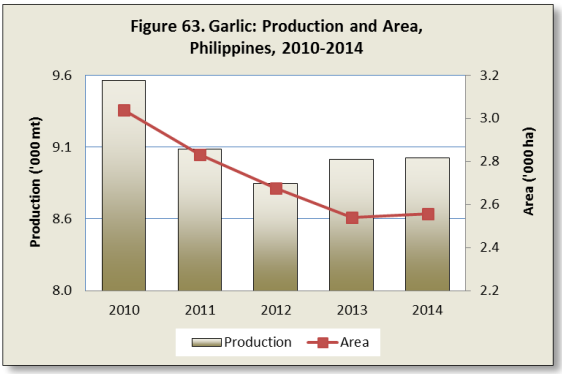
R/ - Revised due to inclusion of Batanes data.

GARLIC

From 2010 to 2012, garlic production was decreasing at an average annual rate of 4.0 percent. However, in 2013 and 2014, production increased at an annual rate of 2.0 percent and 0.1 percent, respectively (Figure 63).

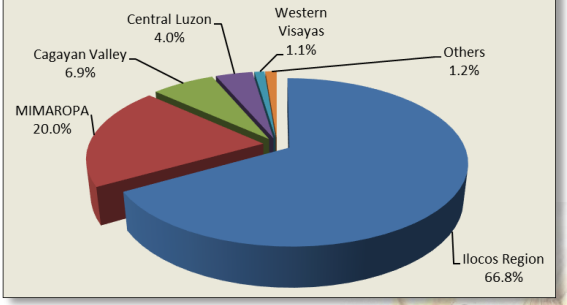
Area harvested to garlic decreased continuously from 2010 to 2013 at an average annual rate of 5.8 percent but managed to increase by 0.6 percent in 2014.

Figure 63. Garlic: Production and Area, Philippines, 2010-2014



Ilocos Region was the leading garlic producer in 2014. Ilocos Region came up with 6.00 thousand mt output and shared 66.8 percent in the country's total production (Figure 64). MIMAROPA came next with 1.80 thousand mt or 20.0 percent share of total production in the country.

Figure 64. Garlic: Top Producing Regions, Philippines, 2014



With 1.88 thousand hectares, Ilocos region shared 73.5 percent of the area harvested to garlic in the country (Figure 65). MIMAROPA trailed second with 299 hectares, followed by Cagayan Valley with 153 hectares and Cental Luzon with 133 hectares of garlic in 2014.

Figure 65. Garlic: Distribution of Area Harvested, by Region, Philippines, 2014

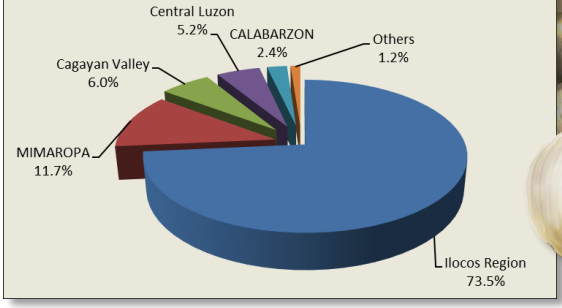


Table 5.5 GARLIC: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**9,563**	**9,057**	**8,808**	**8,986**	**8,993**
CAR	14	13	14	13	11
Ilocos Region	6,540	6,034	5,623	5,718	6,005
Cagayan Valley	185	196	455	610	618
Central Luzon	324	321	320	317	364
CALABARZON	332	293	257	235	95
MIMAROPA	2,127	2,161	2,114	2,010	1,795
Bicol Region	2	2	2		
Western Visayas	35	32	20	80	100
Central Visayas					1
Eastern Visayas	4	4	4	4	4
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**3,039**	**2,830**	**2,676**	**2,539**	**2,555**
CAR	12	8	8	7	7
Ilocos Region	2,251	2,057	1,839	1,864	1,879
Cagayan Valley	51	51	131	142	153
Central Luzon	141	140	135	133	133
CALABARZON	83	71	67	65	61
MIMAROPA	489	492	488	301	299
Bicol Region	1	1	1		
Western Visayas	9	8	5	25	21
Central Visayas					0.20
Eastern Visayas	2	2	2	2	2
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**3.15**	**3.20**	**3.29**	**3.54**	**3.52**
CAR	1.16	1.68	1.81	1.79	1.59
Ilocos Region	2.91	2.93	3.06	3.07	3.20
Cagayan Valley	3.63	3.81	3.47	4.29	4.04
Central Luzon	2.29	2.29	2.37	2.38	2.74
CALABARZON	4.00	4.16	3.83	3.61	1.57
MIMAROPA	4.35	4.39	4.33	6.67	6.01
Bicol Region	1.97	1.91	1.87		
Western Visayas	3.91	4.00	3.90	3.20	4.77
Central Visayas					5.50
Eastern Visayas	2.08	2.14	2.00	2.11	2.11
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					

R/ - Revised due to inclusion of Batanes data.

MONGO

Mongo production fluctuated with an upward trend from 27.06 thousand mt in 2010 to 32.14 thousand mt in 2014 at an average annual rate of 4.8 percent (Figure 66). Production in 2014 was 0.9 percent less than 2013 output level of 32.42 thousand mt.

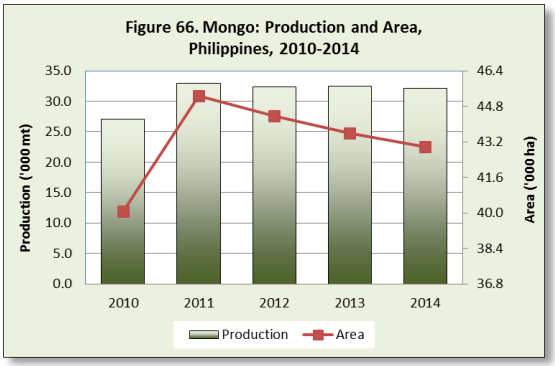


Figure 66. Mongo: Production and Area, Philippines, 2010-2014

Area harvested also fluctuated. From 40.08 thousand hectares in 2010 it expanded to 45.28 thousand hectares in 2011, and went down to 42.98 thousand hectares in 2014. Yield per hectare however, increased by an average annual rate of 3.36 percent from 2010 to 2014.

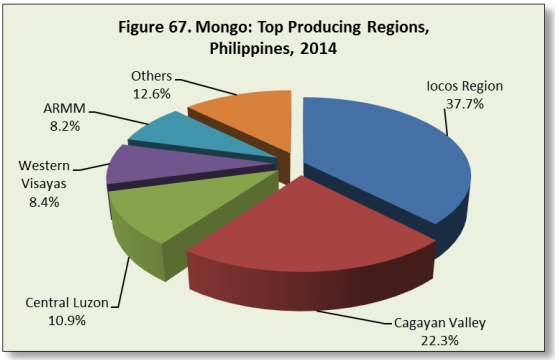


Figure 67. Mongo: Top Producing Regions, Philippines, 2014

Ilocos Region remained the largest producer of mongo at 12.11 thousand mt or 37.7 percent of the country's total output in 2014. Cagayan Valley followed with 7.16 thousand mt or 22.3 percent of the total production; Central Luzon, 3.49 thousand mt or 10.9 percent share; and ARMM with 2.63 thousand mt or 8.2 percent share to the total production (Figure 67).

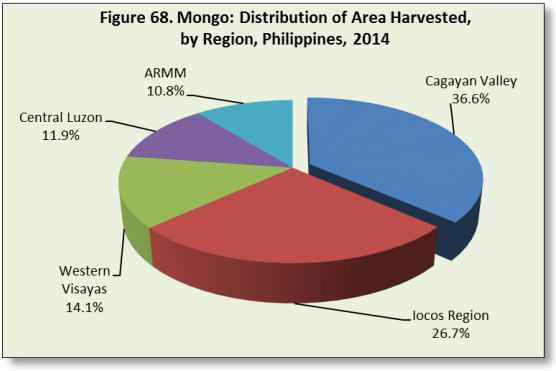


Figure 68. Mongo: Distribution of Area Harvested, by Region, Philippines, 2014

In terms of area harvested, Cagayan Valley shared the largest at 36.6 percent or 13.59 thousand hectares of mongo harvested in 2014 (Figure 68). Ilocos region shared 26.7 percent or 9.92 thousand hectares and Western Visayas with 5.24 thousand hectares or 14.1 percent share to total mongo area in the country.

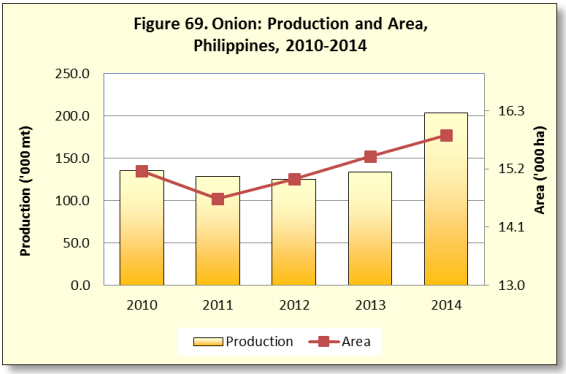
Table 5.6 MONGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**27,055**	**32,960**	**32,366**	**32,422**	**32,144**
CAR	131	141	141	134	133
Ilocos Region	11,146	11,080	11,230	11,473	12,105
Cagayan Valley	3,950	10,028	9,032	8,453	7,164
Central Luzon	2,201	2,554	2,918	3,298	3,489
CALABARZON	132	136	117	107	93
MIMAROPA	597	640	663	719	727
Bicol Region	157	147	166	181	166
Western Visayas	2,807	2,552	2,501	2,513	2,696
Central Visayas	673	584	558	575	566
Eastern Visayas	274	272	271	182	159
Zamboanga Peninsula	210	198	198	220	239
Northern Mindanao	377	373	373	375	366
Davao Region	993	946	931	918	952
SOCCSKSARGEN	494	466	482	488	473
Caraga	146	117	164	152	182
ARMM	2,767	2,725	2,620	2,635	2,633
Area (ha)					
PHILIPPINES	**40,080**	**45,283**	**44,351**	**43,589**	**42,978**
CAR	168	184	183	172	167
Ilocos Region	10,489	10,264	10,137	9,994	9,921
Cagayan Valley	9,687	15,580	14,643	14,032	13,591
Central Luzon	3,057	3,364	3,723	4,224	4,414
CALABARZON	182	176	160	143	138
MIMAROPA	836	865	912	971	966
Bicol Region	254	242	255	244	232
Western Visayas	5,345	5,153	5,148	5,210	5,242
Central Visayas	1,853	1,639	1,460	1,395	1,148
Eastern Visayas	436	435	436	305	255
Zamboanga Peninsula	331	298	296	260	246
Northern Mindanao	511	507	501	498	489
Davao Region	1,507	1,349	1,352	1,355	1,354
SOCCSKSARGEN	638	587	602	602	595
Caraga	185	146	203	182	207
ARMM	4,602	4,495	4,341	4,003	4,014
Yield Per Hectare (mt)					
PHILIPPINES	**0.68**	**0.73**	**0.73**	**0.74**	**0.75**
CAR	0.78	0.77	0.77	0.78	0.80
Ilocos Region	1.06	1.08	1.11	1.15	1.22
Cagayan Valley	0.41	0.64	0.62	0.60	0.53
Central Luzon	0.72	0.76	0.78	0.78	0.79
CALABARZON	0.73	0.77	0.73	0.75	0.68
MIMAROPA	0.71	0.74	0.73	0.74	0.75
Bicol Region	0.62	0.61	0.65	0.74	0.71
Western Visayas	0.53	0.50	0.49	0.48	0.51
Central Visayas	0.36	0.36	0.38	0.41	0.49
Eastern Visayas	0.63	0.63	0.62	0.60	0.62
Zamboanga Peninsula	0.63	0.67	0.67	0.85	0.97
Northern Mindanao	0.74	0.74	0.74	0.75	0.75
Davao Region	0.66	0.70	0.69	0.68	0.70
SOCCSKSARGEN	0.77	0.79	0.80	0.81	0.79
Caraga	0.79	0.80	0.81	0.83	0.88
ARMM	0.60	0.61	0.60	0.66	0.66

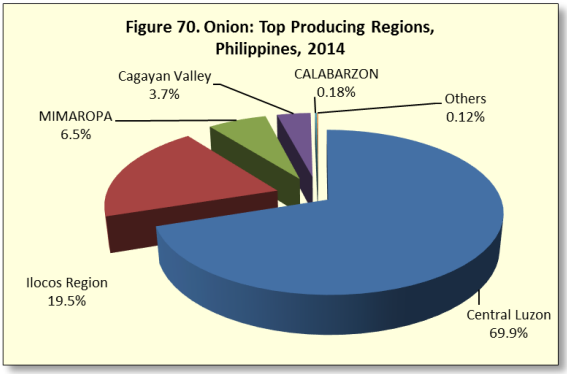
R/ - Revised due to inclusion of Batanes data.

ONION

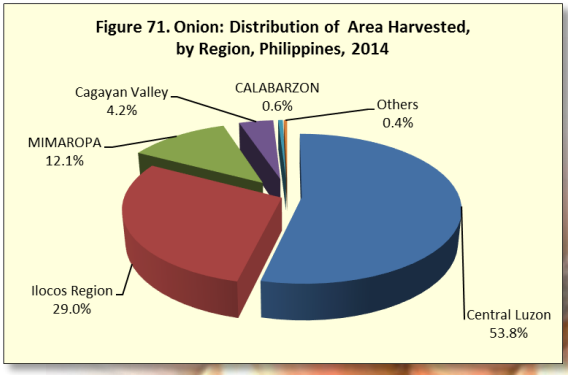
Onion production grew from 135.38 thousand mt in 2010 to 203.65 thousand mt in 2014 at an average annual rate of 12.83 percent (Figure 69). Area harvested during the period likewise expanded from 15.17 thousand hectares to 15.84 thousand hectares at an average annual rate of 1.1 percent. However, yield per hectare decreased from 8.92 mt in 2010 to 8.32 mt in 2012, but managed to recover at 8.70 mt in 2013 and to 12.85 mt in 2014.



Central Luzon, Ilocos Region and MIMAROPA were consistently the top onion producer of the country from 2010 to 2014. In 2014, the regions shared with 69.9 percent, 19.5 percent and 6.5 percent shares, respectively, to the national total (Figure 70).



Central Luzon with 8.52 thousand hectares of area harvested to onion, likewise shared the highest at 53.8 percent (Figure 71). Ilocos region trailed second with 4.59 thousand hectares, followed by MIMAROPA and Cagayan Valley with 1.92 thousand hectares and 660 hectares of onion respectively.



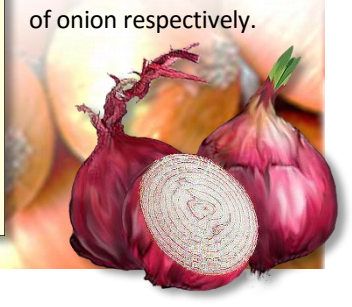


Table 5.7 ONION: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

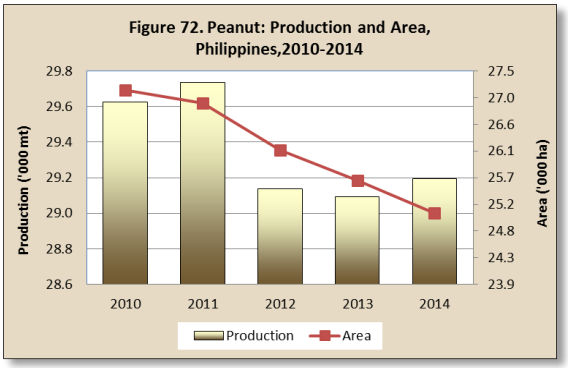
Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**135,377**	**128,387**	**124,890**	**134,239**	**203,651**
CAR					
Ilocos Region	42,091	40,621	40,421	39,770	39,727
Cagayan Valley	3,183	4,799	2,828	7,277	7,628
Central Luzon	74,868	73,535	72,500	73,911	142,344
CALABARZON	221	366	329	390	373
MIMAROPA	14,817	8,888	8,465	12,590	13,334
Bicol Region					
Western Visayas	164	149	279	231	170
Central Visayas	1	2	17	5	17
Eastern Visayas					
Zamboanga Peninsula	14	6	2	2	2
Northern Mindanao		0.40			
Davao Region					
SOCCSKSARGEN	19	20	49	63	57
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**15,169**	**14,641**	**15,012**	**15,437**	**15,843**
CAR					
Ilocos Region	4,689	4,753	4,725	4,622	4,588
Cagayan Valley	383	477	599	648	660
Central Luzon	8,195	8,178	8,126	8,171	8,521
CALABARZON	38	78	73	92	89
MIMAROPA	1,806	1,106	1,406	1,832	1,920
Bicol Region					
Western Visayas	42	39	70	58	51
Central Visayas	0.04	0.27	1	1	3
Eastern Visayas					
Zamboanga Peninsula	12	5	3	3	3
Northern Mindanao		0.20			
Davao Region					
SOCCSKSARGEN	4	4	9	9	9
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**8.92**	**8.77**	**8.32**	**8.70**	**12.85**
CAR					
Ilocos Region	8.98	8.55	8.56	8.60	8.66
Cagayan Valley	8.32	10.05	4.72	11.22	11.56
Central Luzon	9.14	8.99	8.92	9.05	16.71
CALABARZON	5.81	4.69	4.51	4.24	4.18
MIMAROPA	8.21	8.04	6.02	6.87	6.94
Bicol Region					
Western Visayas	3.90	3.81	3.98	3.99	3.37
Central Visayas	18.25	9.25	11.27	4.57	5.50
Eastern Visayas					
Zamboanga Peninsula	1.14	1.25	0.62	0.58	0.57
Northern Mindanao		2.00			
Davao Region					
SOCCSKSARGEN	4.60	4.96	5.71	7.04	6.68
Caraga					
ARMM					

R/ - Revised due to inclusion of Batanes data.

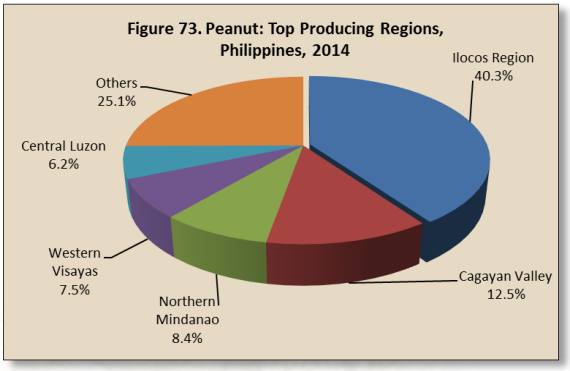
PEANUT

Peanut production fluctuated in a downward trend from 29.62 thousand mt in 2010 to 29.20 thousand mt in 2014 at an average annual rate of 0.4 percent (Figure 72). The decreasing trend in production was brought by the decreasing peanut farm areas in some of the top producing provinces of the country.

Ilocos Region remained the top producer of peanut in the country at 11.76 thousand mt or 40.3 percent of the national output. This was followed by Cagayan Valley with 12.5 percent and Northern Mindanao with 8.4 percent shares (Figure 73).



The same trend in production was observed in top area harvested by region. Except for Western Visayas and Northern Mindanao that ranked third and fourth respectively, Ilocos region followed by Cagayan Valley shared the largest area harvested to onion in the country in 2014 (Figure 74).



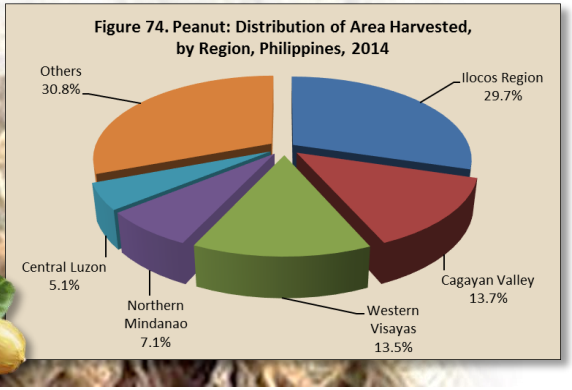


Table 5.8 PEANUT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

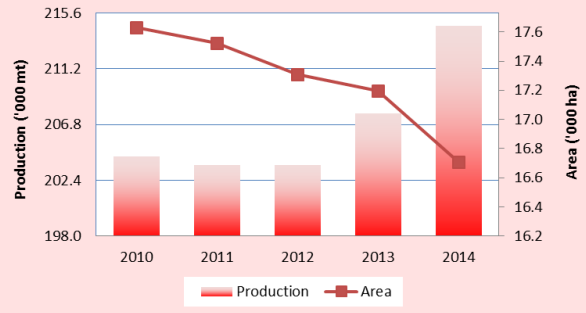
Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**29,624**	**29,734**	**29,136**	**29,091**	**29,196**
CAR	122	121	123	126	124
Ilocos Region	12,120	11,566	11,766	11,432	11,762
Cagayan Valley	3,393	4,373	3,908	3,976	3,644
Central Luzon	1,731	1,764	1,743	1,744	1,822
CALABARZON	635	651	548	523	495
MIMAROPA	1,215	1,249	1,278	1,273	1,299
Bicol Region	956	931	924	869	884
Western Visayas	2,061	2,079	2,093	2,115	2,183
Central Visayas	1,147	1,071	1,031	1,014	1,005
Eastern Visayas	563	575	579	572	498
Zamboanga Peninsula	515	497	492	893	1,071
Northern Mindanao	3,091	2,923	2,739	2,633	2,453
Davao Region	654	580	548	543	555
SOCCSKSARGEN	644	658	684	674	671
Caraga	162	92	104	124	151
ARMM	613	604	576	581	579
Area (ha)					
PHILIPPINES	**27,123**	**26,902**	**26,110**	**25,602**	**25,048**
CAR	254	252	249	250	239
Ilocos Region	7,808	7,593	7,515	7,421	7,439
Cagayan Valley	3,159	3,780	3,516	3,508	3,439
Central Luzon	1,403	1,285	1,267	1,283	1,275
CALABARZON	849	804	584	543	497
MIMAROPA	1,173	1,182	1,177	1,155	1,156
Bicol Region	1,367	1,338	1,332	1,276	1,214
Western Visayas	3,314	3,337	3,349	3,377	3,387
Central Visayas	1,553	1,477	1,419	1,349	1,221
Eastern Visayas	869	869	849	807	690
Zamboanga Peninsula	940	899	843	718	692
Northern Mindanao	2,047	1,967	1,924	1,843	1,787
Davao Region	733	522	501	515	517
SOCCSKSARGEN	525	532	544	536	539
Caraga	138	105	113	119	137
ARMM	991	961	928	903	821
Yield Per Hectare (mt)					
PHILIPPINES	**1.09**	**1.11**	**1.12**	**1.14**	**1.17**
CAR	0.48	0.48	0.49	0.50	0.52
Ilocos Region	1.55	1.52	1.57	1.54	1.58
Cagayan Valley	1.07	1.16	1.11	1.13	1.06
Central Luzon	1.23	1.37	1.38	1.36	1.43
CALABARZON	0.75	0.81	0.94	0.96	1.00
MIMAROPA	1.04	1.06	1.09	1.10	1.12
Bicol Region	0.70	0.70	0.69	0.68	0.73
Western Visayas	0.62	0.62	0.62	0.63	0.64
Central Visayas	0.74	0.72	0.73	0.75	0.82
Eastern Visayas	0.65	0.66	0.68	0.71	0.72
Zamboanga Peninsula	0.55	0.55	0.58	1.24	1.55
Northern Mindanao	1.51	1.49	1.42	1.43	1.37
Davao Region	0.89	1.11	1.09	1.05	1.07
SOCCSKSARGEN	1.23	1.24	1.26	1.26	1.25
Caraga	1.18	0.88	0.92	1.05	1.10
ARMM	0.62	0.63	0.62	0.64	0.71

R/ - Revised due to inclusion of Batanes data.

TOMATO

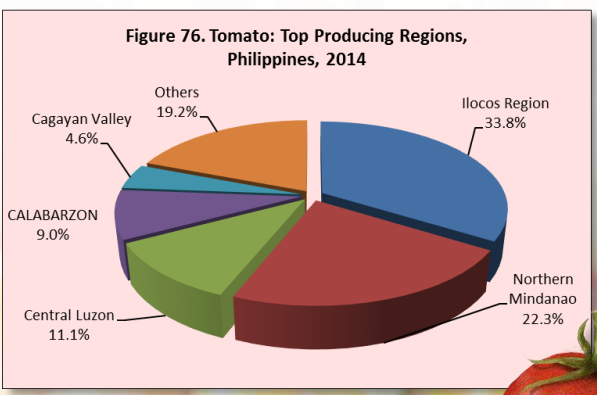
Tomato production in 2010 was 204.27 thousand mt. It decreased by 0.3 percent in 2011 but managed to increase from 203.59 thousand mt in 2012 to 214.57 thousand mt in 2014 at an average annual rate of 1.8 percent (Figure 75). This was attributed to favorable weather condition during the flowering and fruit development stages of the crop in most top tomato producing regions of the country. On the other hand, area harvested contracted from 17.66 thousand hectares in 2010 to 16.74 thousand hectares in 2014 at an average annual rate of 1.3 percent. However, yield per hectare continuously increased from 11.57 mt in 2010 to 12.82 mt in 2014 at an average annual rate of 2.6 percent.

Figure 75. Tomato: Production and Area, Philippines, 2010-2014



Ilocos Region was the consistent top producer of tomato with 72.51 thousand mt or 33.8 percent of the country's total production in 2014 (Figure 76). The other top producing regions and their shares to the national total production were Northern Mindanao, 22.3 percent; Central Luzon, 11.1 percent; and CALABARZON, 9.0 percent.

Figure 76. Tomato: Top Producing Regions, Philippines, 2014



In 2014, Ilocos region shared the largest tomato area harvested at 3.82 thousand hectares or 22.8 percent of the country's tomato farm area (Figure 77). This was followed by Central Luzon with 3.48 thousand hectares and Northern Mindanao with 2.63 thousand hectares of tomatoes.

Figure 77. Tomato: Distribution of Area Harvested, by Region, Philippines, 2014

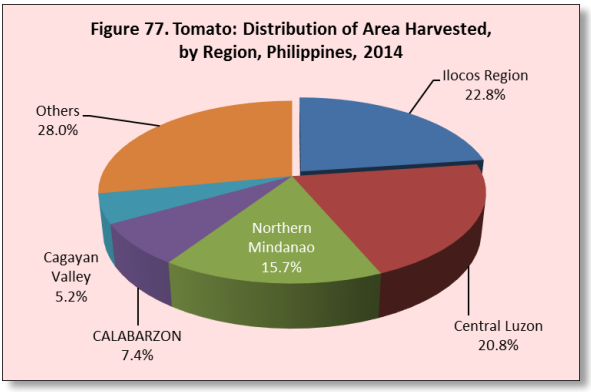


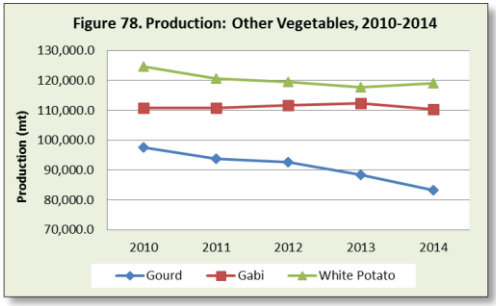
Table 5.9 TOMATO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**204,272**	**203,582**	**203,593**	**207,668**	**214,573**
CAR	3,904	3,856	3,899	3,898	3,984
Ilocos Region	69,616	68,579	70,389	72,017	72,511
Cagayan Valley	10,605	10,318	9,501	9,471	9,903
Central Luzon	21,492	21,488	21,791	22,268	23,832
CALABARZON	17,496	18,295	17,727	18,655	19,299
MIMAROPA	1,132	1,232	1,254	1,524	1,798
Bicol Region	3,562	3,432	3,427	3,483	3,372
Western Visayas	9,551	8,892	8,888	9,054	9,734
Central Visayas	3,833	3,878	3,977	5,040	6,027
Eastern Visayas	722	696	719	680	596
Zamboanga Peninsula	1,763	1,768	1,809	3,011	5,761
Northern Mindanao	50,485	51,109	50,086	48,934	47,923
Davao Region	4,338	4,296	4,194	4,067	4,031
SOCCSKSARGEN	5,053	5,162	5,306	4,921	5,139
Caraga	314	177	212	234	248
ARMM	405	404	414	410	414
Area (ha)					
PHILIPPINES	**17,663**	**17,556**	**17,345**	**17,231**	**16,742**
CAR	357	360	359	355	356
Ilocos Region	3,773	3,730	3,739	3,785	3,821
Cagayan Valley	893	883	851	849	873
Central Luzon	3,379	3,374	3,396	3,399	3,482
CALABARZON	1,354	1,406	1,306	1,361	1,243
MIMAROPA	266	280	294	310	329
Bicol Region	581	564	557	552	546
Western Visayas	823	785	787	786	803
Central Visayas	1,400	1,326	1,220	1,159	653
Eastern Visayas	105	106	108	101	96
Zamboanga Peninsula	511	516	499	472	434
Northern Mindanao	2,697	2,748	2,727	2,648	2,629
Davao Region	653	637	644	641	651
SOCCSKSARGEN	664	666	676	642	657
Caraga	75	55	58	49	50
ARMM	131	121	125	120	119
Yield Per Hectare (mt)					
PHILIPPINES	**11.57**	**11.60**	**11.74**	**12.05**	**12.82**
CAR	10.94	10.72	10.86	10.98	11.19
Ilocos Region	18.45	18.39	18.82	19.03	18.98
Cagayan Valley	11.87	11.69	11.17	11.15	11.35
Central Luzon	6.36	6.37	6.42	6.55	6.84
CALABARZON	12.92	13.01	13.57	13.70	15.53
MIMAROPA	4.26	4.40	4.26	4.92	5.47
Bicol Region	6.13	6.09	6.15	6.31	6.18
Western Visayas	11.61	11.32	11.30	11.52	12.12
Central Visayas	2.74	2.92	3.26	4.35	9.23
Eastern Visayas	6.85	6.59	6.68	6.73	6.18
Zamboanga Peninsula	3.45	3.43	3.63	6.38	13.29
Northern Mindanao	18.72	18.60	18.37	18.48	18.23
Davao Region	6.64	6.75	6.51	6.34	6.19
SOCCSKSARGEN	7.61	7.75	7.86	7.66	7.82
Caraga	4.21	3.22	3.63	4.75	4.95
ARMM	3.09	3.34	3.31	3.42	3.46

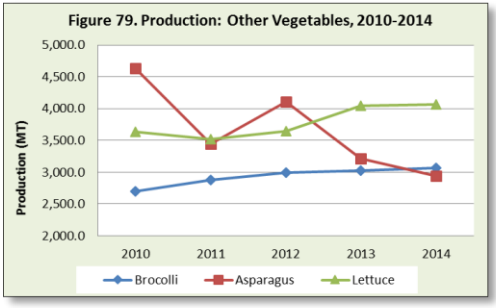
R/ - Revised due to inclusion of Batanes data.

OTHER VEGETABLES

Figures 78, 79, 80 and 81 show the trends of production of other vegetables. Production of gourd continuously decreased from 2010 to 2014 at an average rate of 3.9 percent (Figure 78).



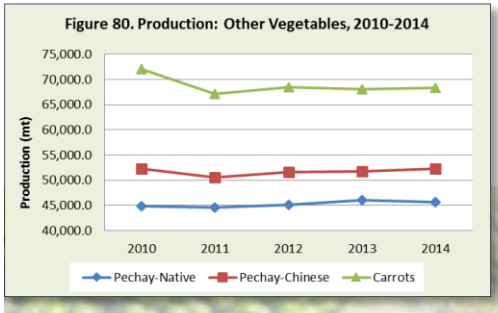
Only broccoli production managed to increase continuously from 2010 to 2014 at an annual average rate of 3.2 percent (Figure 79).



Productions of the rest of the other vegetables show fluctuating trends from 2010 to 2014 (Figures 79, 80 & 81).

Lettuce, Chinese pechay and okra production were lower in 2011 than the 2010 level but managed to increase from 2012 to 2014, while ubi and white potato production continuously to decreased from 2010 to 2013 and bounced back only in 2014.

Vegetables with an increasing trend from 2011 to 2014 are cauliflower, habitchuelas and carrots. While those that showed decreasing trend are ginger and ubi.



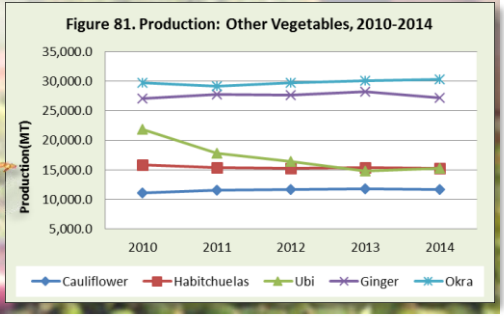


Table 5.10 ASPARAGUS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**4,637**	**3,443**	**4,106**	**3,213**	**2,939**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon	1	2	2	2	2
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	2	2	2	2	2
Central Visayas	4	4	4	4	4
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	8	3			
Davao Region					
SOCCSKSARGEN	4,623	3,433	4,098	3,205	2,932
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**368**	**349**	**368**	**306**	**305**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon	2	2	2	2	2
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	0.26	0.30	0.30	0.30	0.25
Central Visayas	4	5	5	4	3
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	4	2	1		
Davao Region					
SOCCSKSARGEN	358	340	360	300	300
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**12.58**	**9.86**	**11.15**	**10.49**	**9.63**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon	0.54	0.77	0.93	0.98	1.01
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	6.15	6.67	6.17	6.23	6.00
Central Visayas	0.86	0.85	0.87	1.00	1.23
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	1.88	1.50	-		
Davao Region					
SOCCSKSARGEN	12.91	10.10	11.38	10.68	9.77
Caraga					
ARMM					

Table 5.11 BROCOLLI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**2,699**	**2,881**	**2,994**	**3,026**	**3,064**
CAR	1,847	1,864	1,919	1,948	1,984
Ilocos Region					
Cagayan Valley		16	24	17	16
Central Luzon					
CALABARZON	4	1	1	1	7
MIMAROPA					
Bicol Region					
Western Visayas	3	7	8	8	7
Central Visayas	161	204	246	222	167
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	675	780	786	821	872
Davao Region	8	8	8	8	10
SOCCSKSARGEN	1	1	2	2	2
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**267**	**293**	**305**	**303**	**306**
CAR	158	163	166	166	166
Ilocos Region					
Cagayan Valley		5	7	7	6
Central Luzon					
CALABARZON	1	0.30	0.50	0.40	2.00
MIMAROPA					
Bicol Region					
Western Visayas	0	1	1	1	1
Central Visayas	15	16	19	16	15
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	89	105	107	109	113
Davao Region	2	2	2	2	2
SOCCSKSARGEN	2	2	2	2	2
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**10.13**	**9.83**	**9.81**	**9.97**	**10.01**
CAR	11.69	11.44	11.56	11.74	11.95
Ilocos Region					
Cagayan Valley		3.48	3.30	2.59	2.78
Central Luzon					
CALABARZON	4.25	3.33	2.80	2.88	3.38
MIMAROPA					
Bicol Region					
Western Visayas	6.65	6.61	6.29	6.25	6.14
Central Visayas	11.09	13.12	12.94	13.47	11.52
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	7.58	7.43	7.35	7.53	7.72
Davao Region	4.08	3.94	3.82	4.03	4.85
SOCCSKSARGEN	0.84	0.84	0.83	0.94	1.00
Caraga					
ARMM					

Table 5.12 CARROTS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**72,109**	**67,162**	**68,454**	**68,111**	**68,342**
CAR	63,353	58,766	60,126	60,038	60,507
Ilocos Region	1	1	1	1	1
Cagayan Valley	758	713	609	602	585
Central Luzon	4	4	1		
CALABARZON	22	46	44	33	33
MIMAROPA			-	3	3
Bicol Region	19	20	21	22	22
Western Visayas	154	149	136	139	144
Central Visayas	4,516	4,165	4,169	3,909	3,632
Eastern Visayas	13	12	12	12	12
Zamboanga Peninsula	139	134	138	227	315
Northern Mindanao	1,284	1,261	1,296	1,244	1,264
Davao Region	1,406	1,419	1,423	1,390	1,309
SOCCSKSARGEN	440	466	479	489	514
Caraga	0	5		1	1
ARMM					
Area (ha)					
PHILIPPINES	**5,115**	**4,947**	**4,923**	**4,820**	**4,760**
CAR	3,453	3,359	3,356	3,328	3,318
Ilocos Region	1	1	1	1	1
Cagayan Valley	110	103	96	93	92
Central Luzon	2	2	1		
CALABARZON	4	8	8	7	6
MIMAROPA				1	1
Bicol Region	4	5	5	5	5
Western Visayas	24	24	23	24	25
Central Visayas	788	699	690	621	584
Eastern Visayas	4	4	4	4	4
Zamboanga Peninsula	90	94	95	92	82
Northern Mindanao	140	137	136	131	132
Davao Region	351	362	354	362	360
SOCCSKSARGEN	143	147	154	151	149
Caraga	1	2		1	2
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**14.10**	**13.58**	**13.91**	**14.13**	**14.36**
CAR	18.35	17.50	17.92	18.04	18.23
Ilocos Region	2.33	2.60	2.18	2.10	2.29
Cagayan Valley	6.89	6.92	6.34	6.45	6.36
Central Luzon	1.88	1.92	0.53		
CALABARZON	5.03	5.53	5.85	5.14	5.54
MIMAROPA				3.00	3.11
Bicol Region	4.75	4.00	4.16	4.30	4.40
Western Visayas	6.41	6.17	5.90	5.74	5.75
Central Visayas	5.73	5.96	6.04	6.30	6.22
Eastern Visayas	3.20	3.15	3.11	3.22	3.39
Zamboanga Peninsula	1.54	1.43	1.45	2.47	3.86
Northern Mindanao	9.17	9.24	9.53	9.50	9.59
Davao Region	4.01	3.92	4.02	3.84	3.64
SOCCSKSARGEN	3.08	3.17	3.10	3.24	3.44
Caraga	0.18	2.45		1.38	0.63
ARMM					

Table 5.13 CAULIFLOWER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**11,102**	**11,583**	**11,636**	**11,782**	**11,739**
CAR	5,210	5,290	5,302	5,207	5,144
Ilocos Region	4,574	4,682	4,642	4,812	4,803
Cagayan Valley	87	308	275	240	236
Central Luzon	28	27	25	25	25
CALABARZON	4	3	3	3	14
MIMAROPA				3	3
Bicol Region					
Western Visayas	6	47	70	73	64
Central Visayas	76	84	116	134	135
Eastern Visayas					
Zamboanga Peninsula	3	4	4	5	7
Northern Mindanao	834	902	946	1,022	1,051
Davao Region	153	105	116	103	90
SOCCSKSARGEN	128	131	135	155	167
Caraga			1	2	0.20
ARMM					
Area (ha)					
PHILIPPINES	**987**	**1,067**	**1,081**	**1,105**	**1,095**
CAR	340	341	339	334	332
Ilocos Region	421	422	422	439	438
Cagayan Valley	30	100	101	96	95
Central Luzon	5	5	4	3	1
CALABARZON	1	1	1	1	2
MIMAROPA				2	2
Bicol Region					
Western Visayas	1	6	11	11	10
Central Visayas	22	23	29	35	27
Eastern Visayas					
Zamboanga Peninsula	2	3	4	4	4
Northern Mindanao	104	112	117	125	129
Davao Region	33	26	25	25	24
SOCCSKSARGEN	29	28	29	31	32
Caraga			0.35	1	0.04
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**11.25**	**10.85**	**10.77**	**10.66**	**10.72**
CAR	15.32	15.54	15.66	15.61	15.52
Ilocos Region	10.88	11.08	10.99	10.97	10.96
Cagayan Valley	2.90	3.08	2.74	2.48	2.48
Central Luzon	5.52	5.46	5.70	8.33	24.65
CALABARZON	3.80	2.70	2.95	3.50	9.00
MIMAROPA				1.50	1.51
Bicol Region					
Western Visayas	6.54	7.21	6.69	6.60	6.59
Central Visayas	3.44	3.62	3.99	3.85	4.99
Eastern Visayas					
Zamboanga Peninsula	1.52	1.56	1.26	1.51	1.99
Northern Mindanao	8.06	8.05	8.09	8.18	8.15
Davao Region	4.63	4.04	4.75	4.11	3.75
SOCCSKSARGEN	4.45	4.69	4.70	5.03	5.21
Caraga			1.97	2.69	5.00
ARMM					

R/ - Revised due to inclusion of Batanes data.

Table 5.14 GABI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**110,761**	**110,719**	**111,561**	**112,262**	**110,365**
CAR	4,723	4,734	4,776	4,857	4,924
Ilocos Region	3,234	3,202	3,197	3,229	3,224
Cagayan Valley	13,436	14,510	15,361	15,893	15,622
Central Luzon	6,766	6,797	6,829	6,976	7,317
CALABARZON	6,115	6,173	6,318	6,175	6,051
MIMAROPA	3,258	3,360	3,463	4,127	4,241
Bicol Region	13,482	12,991	12,535	11,685	10,539
Western Visayas	4,816	4,911	4,925	4,892	4,829
Central Visayas	7,278	7,356	6,328	6,389	6,276
Eastern Visayas	20,945	21,306	22,113	22,900	21,575
Zamboanga Peninsula	1,408	1,360	1,360	1,550	1,755
Northern Mindanao	2,710	2,879	2,999	3,074	3,117
Davao Region	3,048	3,216	3,185	3,257	3,610
SOCCSKSARGEN	4,415	4,567	4,778	4,989	5,106
Caraga	14,134	12,385	12,400	11,253	11,151
ARMM	993	972	993	1,015	1,029
Area (ha)					
PHILIPPINES	**16,998**	**16,827**	**16,362**	**15,819**	**15,384**
CAR	421	420	425	434	441
Ilocos Region	495	494	492	477	479
Cagayan Valley	1,644	1,691	1,685	1,699	1,689
Central Luzon	963	970	972	974	986
CALABARZON	989	985	983	932	856
MIMAROPA	685	704	712	716	730
Bicol Region	1,547	1,504	1,462	1,427	1,377
Western Visayas	659	661	657	623	629
Central Visayas	1,482	1,408	1,156	1,150	1,049
Eastern Visayas	4,707	4,714	4,566	4,537	4,355
Zamboanga Peninsula	308	302	304	243	219
Northern Mindanao	280	291	297	300	303
Davao Region	345	397	401	421	436
SOCCSKSARGEN	289	291	296	303	304
Caraga	2,041	1,856	1,822	1,450	1,401
ARMM	143	137	132	131	133
Yield Per Hectare (mt)					
PHILIPPINES	**6.52**	**6.58**	**6.82**	**7.10**	**7.17**
CAR	11.22	11.28	11.24	11.19	11.16
Ilocos Region	6.54	6.48	6.50	6.76	6.73
Cagayan Valley	8.17	8.58	9.12	9.35	9.25
Central Luzon	7.03	7.01	7.03	7.16	7.42
CALABARZON	6.18	6.27	6.43	6.63	7.07
MIMAROPA	4.75	4.77	4.86	5.76	5.81
Bicol Region	8.71	8.64	8.57	8.19	7.66
Western Visayas	7.31	7.42	7.50	7.85	7.68
Central Visayas	4.91	5.22	5.47	5.55	5.98
Eastern Visayas	4.45	4.52	4.84	5.05	4.95
Zamboanga Peninsula	4.57	4.51	4.48	6.37	8.03
Northern Mindanao	9.70	9.89	10.10	10.25	10.29
Davao Region	8.84	8.10	7.94	7.74	8.28
SOCCSKSARGEN	15.26	15.68	16.13	16.44	16.82
Caraga	6.93	6.67	6.81	7.76	7.96
ARMM	6.93	7.09	7.52	7.76	7.75

R/ - Revised due to inclusion of Batanes data.

Table 5.15 GINGER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**27,097**	**27,755**	**27,677**	**28,216**	**27,197**
CAR	996	960	955	940	946
Ilocos Region	789	844	866	880	909
Cagayan Valley	5,244	5,162	5,039	5,249	5,322
Central Luzon	1,149	1,160	1,181	1,178	1,211
CALABARZON	4,386	4,521	3,868	3,913	3,718
MIMAROPA	362	441	481	530	577
Bicol Region	294	293	306	327	317
Western Visayas	1,313	1,377	1,434	1,409	1,388
Central Visayas	1,686	1,800	1,798	1,851	1,897
Eastern Visayas	2,132	2,175	2,206	2,174	1,845
Zamboanga Peninsula	565	579	630	673	673
Northern Mindanao	5,022	5,360	5,713	5,977	5,703
Davao Region	1,138	1,162	1,152	1,121	890
SOCCSKSARGEN	843	817	816	775	713
Caraga	307	230	253	213	193
ARMM	872	875	978	1,006	894
Area (ha)					
PHILIPPINES	**3,967**	**4,037**	**4,012**	**3,940**	**3,502**
CAR	151	145	143	139	137
Ilocos Region	123	130	133	135	138
Cagayan Valley	797	776	755	776	430
Central Luzon	174	176	180	183	184
CALABARZON	411	428	378	374	362
MIMAROPA	107	126	128	132	137
Bicol Region	73	73	77	82	82
Western Visayas	211	219	221	199	214
Central Visayas	335	342	335	319	317
Eastern Visayas	275	279	284	281	250
Zamboanga Peninsula	115	123	137	126	113
Northern Mindanao	671	692	719	739	707
Davao Region	260	265	256	255	237
SOCCSKSARGEN	100	106	106	103	97
Caraga	44	35	34	32	27
ARMM	121	123	127	66	69
Yield Per Hectare (mt)					
PHILIPPINES	**6.83**	**6.88**	**6.90**	**7.16**	**7.77**
CAR	6.62	6.63	6.70	6.75	6.92
Ilocos Region	6.41	6.49	6.52	6.50	6.58
Cagayan Valley	6.58	6.65	6.67	6.76	12.38
Central Luzon	6.60	6.61	6.56	6.45	6.60
CALABARZON	10.67	10.56	10.23	10.46	10.26
MIMAROPA	3.39	3.51	3.77	4.01	4.20
Bicol Region	4.05	4.01	4.00	4.01	3.87
Western Visayas	6.22	6.30	6.49	7.09	6.48
Central Visayas	5.03	5.26	5.37	5.80	5.98
Eastern Visayas	7.77	7.79	7.78	7.73	7.39
Zamboanga Peninsula	4.91	4.73	4.59	5.35	5.95
Northern Mindanao	7.48	7.74	7.95	8.09	8.07
Davao Region	4.38	4.39	4.50	4.40	3.76
SOCCSKSARGEN	8.41	7.70	7.66	7.51	7.35
Caraga	6.98	6.60	7.38	6.73	7.02
ARMM	7.22	7.11	7.73	15.21	12.91

R/ - Revised due to inclusion of Batanes data.

Table 5.16 GOURD: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**97,586**	**93,780**	**92,588**	**88,464**	**83,218**
CAR	1,307	1,308	1,316	1,293	1,324
Ilocos Region	10,509	10,252	10,634	10,774	10,985
Cagayan Valley	12,906	12,748	12,319	11,551	9,849
Central Luzon	9,636	9,661	9,687	9,731	9,245
CALABARZON	30,581	29,943	29,369	27,750	25,547
MIMAROPA	487	506	517	559	583
Bicol Region	3,326	3,223	3,315	3,417	3,323
Western Visayas	2,467	2,533	2,532	2,505	2,528
Central Visayas	5,682	4,494	4,167	3,239	3,003
Eastern Visayas	3,685	3,730	3,770	3,480	3,350
Zamboanga Peninsula	6,778	5,833	5,186	4,152	3,459
Northern Mindanao	3,467	3,482	3,538	3,525	3,498
Davao Region	3,150	3,114	3,106	3,227	3,223
SOCCSKSARGEN	1,444	1,428	1,438	1,511	1,509
Caraga	1,323	716	840	905	945
ARMM	837	810	853	845	846
Area (ha)					
PHILIPPINES	**7,847**	**7,773**	**7,765**	**7,262**	**7,299**
CAR	177	177	180	180	181
Ilocos Region	682	682	694	695	695
Cagayan Valley	856	839	825	806	762
Central Luzon	636	636	645	624	632
CALABARZON	2,649	2,702	2,680	2,508	2,478
MIMAROPA	83	89	90	92	95
Bicol Region	257	255	257	258	259
Western Visayas	223	225	227	220	226
Central Visayas	537	505	512	228	292
Eastern Visayas	309	308	309	298	293
Zamboanga Peninsula	446	389	355	315	345
Northern Mindanao	356	354	371	371	372
Davao Region	344	346	360	399	404
SOCCSKSARGEN	120	117	116	124	125
Caraga	112	85	82	81	74
ARMM	62	64	63	64	64
Yield Per Hectare (mt)					
PHILIPPINES	**12.44**	**12.07**	**11.92**	**12.18**	**11.40**
CAR	7.41	7.41	7.33	7.18	7.31
Ilocos Region	15.42	15.02	15.32	15.51	15.81
Cagayan Valley	15.08	15.19	14.92	14.32	12.92
Central Luzon	15.15	15.20	15.03	15.59	14.63
CALABARZON	11.55	11.08	10.96	11.06	10.31
MIMAROPA	5.84	5.71	5.75	6.11	6.15
Bicol Region	12.97	12.65	12.89	13.23	12.81
Western Visayas	11.07	11.24	11.16	11.40	11.17
Central Visayas	10.58	8.90	8.14	14.23	10.27
Eastern Visayas	11.94	12.09	12.21	11.67	11.43
Zamboanga Peninsula	15.20	14.99	14.63	13.18	10.03
Northern Mindanao	9.73	9.84	9.55	9.49	9.40
Davao Region	9.16	9.00	8.63	8.09	7.98
SOCCSKSARGEN	12.02	12.20	12.37	12.17	12.03
Caraga	11.81	8.47	10.26	11.24	12.70
ARMM	13.61	12.63	13.46	13.21	13.26

R/ - Revised due to inclusion of Batanes data.

Table 5.17 HABITCHUELAS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**15,820**	**15,426**	**15,328**	**15,423**	**15,306**
CAR	8,196	7,961	8,108	8,120	8,092
Ilocos Region	322	321	335	350	358
Cagayan Valley	3,904	3,434	3,097	2,777	2,580
Central Luzon	47	47	47	46	45
CALABARZON	135	164	188	191	192
MIMAROPA					
Bicol Region	813	816	834	871	683
Western Visayas	133	135	134	139	156
Central Visayas	768	1,004	1,045	1,354	1,592
Eastern Visayas	481	487	475	397	301
Zamboanga Peninsula	60	64	63	139	181
Northern Mindanao	560	596	595	611	666
Davao Region	148	137	138	146	159
SOCCSKSARGEN	214	225	236	245	260
Caraga	33	30	31	32	35
ARMM	6	5	4	4	4
Area (ha)					
PHILIPPINES	**3,770**	**3,632**	**3,567**	**3,504**	**3,354**
CAR	1,289	1,292	1,286	1,283	1,283
Ilocos Region	180	173	177	180	181
Cagayan Valley	840	697	657	642	589
Central Luzon	30	29	28	26	21
CALABARZON	67	69	77	79	82
MIMAROPA					
Bicol Region	222	221	227	227	222
Western Visayas	31	32	33	34	38
Central Visayas	568	575	543	534	464
Eastern Visayas	160	160	149	103	78
Zamboanga Peninsula	76	74	83	63	50
Northern Mindanao	92	94	99	100	108
Davao Region	131	131	123	144	143
SOCCSKSARGEN	58	60	61	63	66
Caraga	22	21	22	24	25
ARMM	4	4	3	3	3
Yield Per Hectare (mt)					
PHILIPPINES	**4.20**	**4.25**	**4.30**	**4.40**	**4.56**
CAR	6.36	6.16	6.31	6.33	6.31
Ilocos Region	1.79	1.86	1.89	1.95	1.98
Cagayan Valley	4.65	4.93	4.72	4.33	4.38
Central Luzon	1.58	1.61	1.66	1.76	2.13
CALABARZON	2.02	2.40	2.44	2.42	2.34
MIMAROPA					
Bicol Region	3.66	3.69	3.68	3.83	3.07
Western Visayas	4.29	4.20	4.00	4.05	4.13
Central Visayas	1.35	1.74	1.92	2.54	3.43
Eastern Visayas	3.01	3.05	3.19	3.85	3.85
Zamboanga Peninsula	0.79	0.86	0.75	2.21	3.60
Northern Mindanao	6.12	6.37	6.04	6.09	6.14
Davao Region	1.13	1.05	1.12	1.02	1.12
SOCCSKSARGEN	3.68	3.77	3.86	3.92	3.92
Caraga	1.48	1.43	1.43	1.30	1.39
ARMM	1.50	1.31	1.48	1.48	1.78

R/ - Revised due to inclusion of Batanes data.

Table 5.18 LETTUCE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**3,634**	**3,519**	**3,647**	**4,041**	**4,061**
CAR	1,486	1,233	1,270	1,283	1,291
Ilocos Region					
Cagayan Valley			1	2	3
Central Luzon					
CALABARZON	110	109	137	219	274
MIMAROPA				6	6
Bicol Region					
Western Visayas	18	28	33	35	35
Central Visayas	201	267	317	605	612
Eastern Visayas	1	1	1	1	1
Zamboanga Peninsula	18	20	21	23	24
Northern Mindanao	1,757	1,816	1,821	1,818	1,759
Davao Region	5	5	5	5	6
SOCCSKSARGEN	37	40	41	45	49
Caraga	1	0.30	0.03		0.05
ARMM					
Area (ha)					
PHILIPPINES	**466**	**482**	**501**	**545**	**513**
CAR	160	159	165	168	167
Ilocos Region					
Cagayan Valley		0.33	1	4	3
Central Luzon					
CALABARZON	13	13	16	20	21
MIMAROPA				2	2
Bicol Region					
Western Visayas	4	6	6	7	7
Central Visayas	96	106	111	142	114
Eastern Visayas	4	4	4	3	3
Zamboanga Peninsula	4	5	6	5	5
Northern Mindanao	164	168	167	167	164
Davao Region	4	4	4	4	4
SOCCSKSARGEN	17	18	20	21	23
Caraga	0.33	0.15	0.02		0.01
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**7.80**	**7.29**	**7.28**	**7.42**	**7.92**
CAR	9.29	7.76	7.70	7.64	7.73
Ilocos Region					
Cagayan Valley			0.71	0.48	1.21
Central Luzon					
CALABARZON	8.17	8.23	8.54	10.75	12.88
MIMAROPA				2.75	2.76
Bicol Region					
Western Visayas	5.04	5.05	5.30	5.07	5.10
Central Visayas	2.10	2.52	2.86	4.25	5.38
Eastern Visayas	0.19	0.19	0.20	0.19	0.16
Zamboanga Peninsula	4.46	4.52	3.40	4.57	4.86
Northern Mindanao	10.71	10.83	10.92	10.87	10.75
Davao Region	1.13	1.12	1.16	1.25	1.47
SOCCSKSARGEN	2.20	2.17	1.99	2.11	2.13
Caraga	2.17	2.00	1.50		5.00
ARMM					

R/ - Revised due to inclusion of Batanes data.

Table 5.19 OKRA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**29,716**	**29,129**	**29,774**	**30,122**	**30,274**
CAR	34	34	40	47	50
Ilocos Region	1,577	1,628	1,624	1,698	1,738
Cagayan Valley	5,214	5,466	5,531	5,459	5,181
Central Luzon	10,851	10,855	10,877	10,799	10,898
CALABARZON	1,640	1,720	1,819	1,852	1,665
MIMAROPA	182	197	213	258	298
Bicol Region	1,778	1,776	1,864	1,870	1,809
Western Visayas	1,455	1,562	1,622	1,633	1,679
Central Visayas	2,194	1,402	1,478	1,597	1,659
Eastern Visayas	942	954	982	880	862
Zamboanga Peninsula	385	411	424	549	792
Northern Mindanao	1,532	1,633	1,715	1,824	1,858
Davao Region	535	539	557	571	612
SOCCSKSARGEN	506	516	522	545	558
Caraga	860	403	470	504	578
ARMM	33	34	35	37	38
Area (ha)					
PHILIPPINES	**3,570**	**3,497**	**3,570**	**3,587**	**3,648**
CAR	16	16	19	21	21
Ilocos Region	169	174	173	178	181
Cagayan Valley	630	657	653	657	656
Central Luzon	743	719	729	749	764
CALABARZON	159	169	172	171	169
MIMAROPA	99	104	109	110	118
Bicol Region	176	172	176	176	176
Western Visayas	231	245	253	241	256
Central Visayas	290	209	208	222	240
Eastern Visayas	154	155	157	144	142
Zamboanga Peninsula	139	146	152	134	126
Northern Mindanao	308	309	324	338	341
Davao Region	190	183	197	213	215
SOCCSKSARGEN	108	111	112	115	119
Caraga	139	106	115	99	102
ARMM	19	22	22	20	22
Yield Per Hectare (mt)					
PHILIPPINES	**8.32**	**8.33**	**8.34**	**8.40**	**8.30**
CAR	2.18	2.18	2.14	2.25	2.37
Ilocos Region	9.32	9.34	9.38	9.55	9.62
Cagayan Valley	8.28	8.32	8.48	8.31	7.90
Central Luzon	14.60	15.10	14.93	14.42	14.26
CALABARZON	10.31	10.16	10.56	10.86	9.88
MIMAROPA	1.83	1.90	1.96	2.34	2.53
Bicol Region	10.08	10.34	10.60	10.63	10.29
Western Visayas	6.28	6.37	6.41	6.76	6.55
Central Visayas	7.56	6.72	7.09	7.19	6.90
Eastern Visayas	6.13	6.15	6.27	6.10	6.05
Zamboanga Peninsula	2.78	2.81	2.79	4.11	6.28
Northern Mindanao	4.98	5.29	5.30	5.40	5.45
Davao Region	2.82	2.94	2.83	2.68	2.84
SOCCSKSARGEN	4.67	4.65	4.66	4.73	4.70
Caraga	6.18	3.80	4.09	5.07	5.65
ARMM	1.74	1.50	1.57	1.87	1.78

R/ - Revised due to inclusion of Batanes data.

Table 5.20 PECHAY-CHINESE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**52,222**	**50,581**	**51,618**	**51,798**	**52,243**
CAR	46,497	44,389	45,170	45,058	45,145
Ilocos Region	3	3	3	2	1
Cagayan Valley	146	178	193	156	142
Central Luzon					
CALABARZON	151	166	163	165	153
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	3,014	3,256	3,339	3,570	3,689
Eastern Visayas	2	2	2	2	2
Zamboanga Peninsula	77	79	80	90	84
Northern Mindanao	1,606	1,778	1,917	1,992	2,260
Davao Region	404	408	400	391	375
SOCCSKSARGEN	323	324	352	372	392
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**3,735**	**3,742**	**3,759**	**3,776**	**3,697**
CAR	2,819	2,791	2,791	2,786	2,787
Ilocos Region	0.43	0.40	0.37	0.35	0.21
Cagayan Valley	23	26	31	27	27
Central Luzon					
CALABARZON	36	34	35	35	31
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	479	496	487	474	380
Eastern Visayas	2	2	2	2	2
Zamboanga Peninsula	9	10	11	12	12
Northern Mindanao	208	228	240	274	294
Davao Region	99	97	99	100	95
SOCCSKSARGEN	60	59	64	67	69
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**13.98**	**13.52**	**13.73**	**13.72**	**14.13**
CAR	16.49	15.90	16.18	16.17	16.20
Ilocos Region	5.92	7.50	7.30	6.29	4.00
Cagayan Valley	6.35	6.83	6.22	5.80	5.24
Central Luzon					
CALABARZON	4.19	4.87	4.74	4.78	5.02
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	6.29	6.57	6.86	7.54	9.71
Eastern Visayas	1.16	0.86	0.86	0.87	0.86
Zamboanga Peninsula	8.72	7.81	7.09	7.69	7.19
Northern Mindanao	7.72	7.80	8.00	7.27	7.68
Davao Region	4.08	4.23	4.04	3.91	3.95
SOCCSKSARGEN	5.41	5.51	5.50	5.55	5.65
Caraga					
ARMM					

Table 5.21 PECHAY-NATIVE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**44,861**	**44,525**	**45,126**	**45,983**	**45,645**
CAR	4,133	4,102	4,110	4,064	3,972
Ilocos Region	2,146	2,230	2,296	2,256	2,304
Cagayan Valley	5,335	5,339	5,502	5,533	5,688
Central Luzon	2,813	2,774	2,798	2,866	3,052
CALABARZON	6,377	6,777	6,940	6,930	6,877
MIMAROPA	419	429	443	539	602
Bicol Region	13,957	13,442	13,458	13,988	12,784
Western Visayas	1,775	1,825	1,820	1,784	1,805
Central Visayas	1,507	1,199	1,357	1,224	1,463
Eastern Visayas	940	921	932	838	744
Zamboanga Peninsula	1,349	1,396	1,368	1,619	1,808
Northern Mindanao	1,225	1,265	1,265	1,366	1,349
Davao Region	1,275	1,274	1,256	1,302	1,420
SOCCSKSARGEN	559	545	557	576	621
Caraga	666	614	645	706	764
ARMM	384	393	382	393	392
Area (ha)					
PHILIPPINES	**7,097**	**7,079**	**7,122**	**7,108**	**7,103**
CAR	536	529	530	526	523
Ilocos Region	452	452	456	451	456
Cagayan Valley	858	857	863	867	883
Central Luzon	310	348	355	362	352
CALABARZON	766	780	791	791	791
MIMAROPA	190	192	197	203	207
Bicol Region	2,258	2,248	2,239	2,240	2,238
Western Visayas	256	264	264	249	260
Central Visayas	296	220	229	214	196
Eastern Visayas	167	166	170	158	148
Zamboanga Peninsula	254	262	253	247	238
Northern Mindanao	195	200	207	212	212
Davao Region	206	209	216	231	245
SOCCSKSARGEN	131	128	126	128	131
Caraga	128	125	128	131	127
ARMM	95	99	98	98	98
Yield Per Hectare (mt)					
PHILIPPINES	**6.32**	**6.29**	**6.34**	**6.47**	**6.43**
CAR	7.72	7.76	7.75	7.73	7.60
Ilocos Region	4.74	4.94	5.03	5.01	5.05
Cagayan Valley	6.22	6.23	6.37	6.38	6.44
Central Luzon	9.07	7.97	7.88	7.93	8.67
CALABARZON	8.33	8.69	8.77	8.76	8.70
MIMAROPA	2.21	2.23	2.24	2.66	2.91
Bicol Region	6.18	5.98	6.01	6.24	5.71
Western Visayas	6.93	6.91	6.91	7.17	6.94
Central Visayas	5.10	5.45	5.93	5.71	7.46
Eastern Visayas	5.63	5.56	5.49	5.30	5.02
Zamboanga Peninsula	5.31	5.33	5.40	6.55	7.61
Northern Mindanao	6.28	6.33	6.12	6.43	6.36
Davao Region	6.19	6.11	5.83	5.63	5.80
SOCCSKSARGEN	4.27	4.25	4.41	4.51	4.75
Caraga	5.23	4.90	5.04	5.39	6.01
ARMM	4.04	3.96	3.91	4.03	4.00

R/ - Revised due to inclusion of Batanes data.

Table 5.22 UBI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012 R/	2013 R/	2014
Production (mt)					
PHILIPPINES	**21,906**	**17,844**	**16,429**	**14,770**	**15,260**
CAR	160	159	158	166	170
Ilocos Region	201	205	228	297	372
Cagayan Valley	1,757	1,694	2,326	2,317	2,209
Central Luzon	553	561	561	556	578
CALABARZON	626	648	653	670	677
MIMAROPA	424	458	496	540	570
Bicol Region	657	625	600	589	535
Western Visayas	651	670	677	664	653
Central Visayas	13,722	9,753	7,528	5,929	6,364
Eastern Visayas	841	845	947	780	757
Zamboanga Peninsula	250	253	258	265	316
Northern Mindanao	867	872	932	941	1,007
Davao Region	427	402	384	376	376
SOCCSKSARGEN	316	318	313	318	321
Caraga	145	71	58	49	41
ARMM	308	310	310	313	315
Area (ha)					
PHILIPPINES	**4,744**	**2,975**	**2,688**	**2,621**	**2,616**
CAR	28	29	31	33	34
Ilocos Region	20	18	20	31	45
Cagayan Valley	293	275	335	329	330
Central Luzon	90	94	92	93	94
CALABARZON	114	114	113	117	119
MIMAROPA	93	100	104	105	109
Bicol Region	97	94	92	91	88
Western Visayas	99	99	100	98	93
Central Visayas	3,178	1,449	1,091	1,066	1,062
Eastern Visayas	233	232	242	205	199
Zamboanga Peninsula	59	59	63	60	61
Northern Mindanao	189	184	183	184	184
Davao Region	83	76	69	62	58
SOCCSKSARGEN	74	74	73	72	69
Caraga	44	27	29	22	16
ARMM	52	51	51	55	56
Yield Per Hectare (mt)					
PHILIPPINES	**4.62**	**6.00**	**6.11**	**5.63**	**5.83**
CAR	5.73	5.47	5.10	5.12	5.07
Ilocos Region	10.29	11.45	11.34	9.56	8.34
Cagayan Valley	6.00	6.16	6.94	7.05	6.69
Central Luzon	6.14	5.97	6.10	5.97	6.14
CALABARZON	5.49	5.69	5.81	5.73	5.71
MIMAROPA	4.58	4.59	4.76	5.14	5.24
Bicol Region	6.81	6.68	6.55	6.46	6.07
Western Visayas	6.60	6.79	6.77	6.77	7.02
Central Visayas	4.32	6.73	6.90	5.56	5.99
Eastern Visayas	3.60	3.64	3.91	3.81	3.80
Zamboanga Peninsula	4.27	4.27	4.12	4.41	5.21
Northern Mindanao	4.59	4.74	5.08	5.12	5.46
Davao Region	5.14	5.29	5.59	6.12	6.48
SOCCSKSARGEN	4.27	4.28	4.27	4.43	4.65
Caraga	3.28	2.63	1.97	2.22	2.50
ARMM	5.92	6.07	6.09	5.69	5.68

R/ - Revised due to inclusion of Batanes data.

Table 5.23 WHITE POTATO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2010-2014

Region	2010	2011	2012	2013	2014
Production (mt)					
PHILIPPINES	**124,671**	**120,574**	**119,570**	**117,722**	**119,140**
CAR	107,182	103,135	102,434	100,758	102,255
Ilocos Region					
Cagayan Valley	441	443	421	427	448
Central Luzon	3	3	3		
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	56	58	55	34	7
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	6,870	6,745	6,550	6,355	6,145
Davao Region	9,558	9,601	9,513	9,511	9,634
SOCCSKSARGEN	562	589	595	636	651
Caraga					
ARMM					
Area (ha)					
PHILIPPINES	**8,129**	**8,171**	**8,096**	**7,890**	**7,868**
CAR	6,069	6,116	6,083	5,892	5,885
Ilocos Region					
Cagayan Valley	70	69	66	64	64
Central Luzon	1	1	1		
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	21	21	18	13	3
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	568	560	550	543	537
Davao Region	1,329	1,330	1,303	1,300	1,300
SOCCSKSARGEN	72	74	75	78	79
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**15.34**	**14.76**	**14.77**	**14.92**	**15.14**
CAR	17.66	16.86	16.84	17.10	17.38
Ilocos Region					
Cagayan Valley	6.30	6.42	6.38	6.68	7.00
Central Luzon	2.64	2.62	2.63		
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	2.69	2.74	3.05	2.69	2.40
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	12.10	12.04	11.91	11.70	11.44
Davao Region	7.19	7.22	7.30	7.32	7.41
SOCCSKSARGEN	7.79	7.91	7.95	8.15	8.25
Caraga					
ARMM					

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