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# Major Fruit Crops Quarterly Bulletin

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REPUBLIC OF THE PHILIPPINES  
PHILIPPINE STATISTICS AUTHORITY  
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**REPUBLIC OF THE PHILIPPINES**

*HIS EXCELLENCY*  
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**PHILIPPINE STATISTICS AUTHORITY**

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## FOREWORD

The *Major Fruit Crops Quarterly Bulletin* provides updates on production of banana, calamansi, mango, and pineapple. These crops are highlighted in the report on the Performance of Agriculture that the Philippine Statistics Authority (PSA) releases quarterly.

This 4<sup>th</sup> quarter 2016 issue of the Bulletin presents the final estimates of production for July-September 2016 and the preliminary estimates for October-December 2016. It also contains the July-December 2016 preliminary estimates on area planted and number of bearing trees/hills. The main source of data is the quarterly Crops Production Survey (CrPS) of the PSA.

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February 2017

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## TECHNICAL NOTES

Production refers to the quantity produced and actually harvested for a particular crop during the reference period. For other crops, area planted refers to the actual physical area planted while area harvested refers to the actual area from which harvests are realized. Bearing trees/hills is the number of trees/hills 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.

Estimates of production, area planted/harvested and number of bearing trees/hills are generated from the Quarterly Crops Production Survey (CrPS) of which there are four survey rounds in a year, that is, February, May, August, and November.

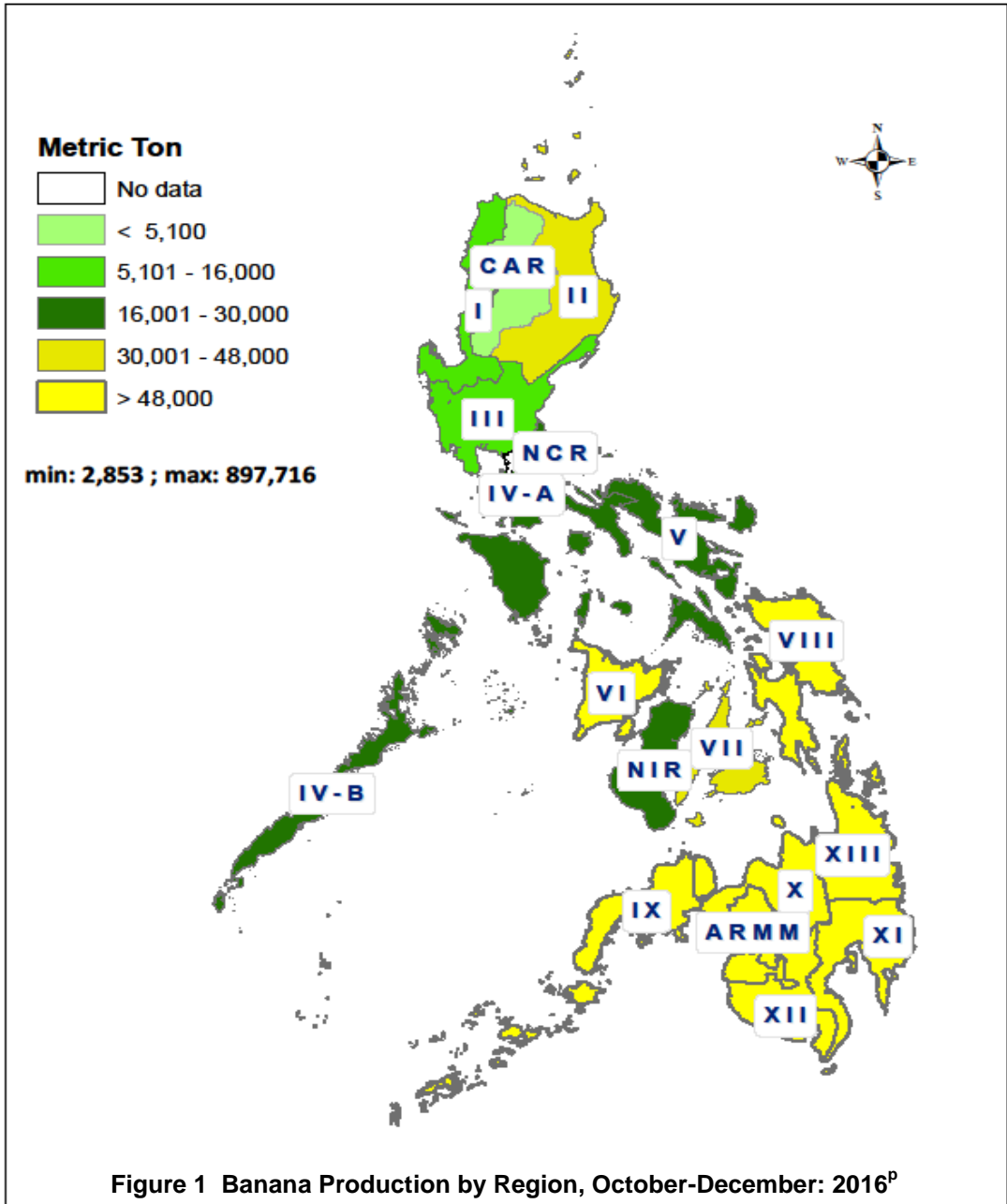


Figure 1 Banana Production by Region, October-December: 2016<sup>p</sup>

## Banana

- During the October-December 2016 period, production of banana went up by 1.6 percent, from 2,299.32 thousand metric tons in 2015 to 2,335.48 thousand metric tons this year. This could be attributed to the following factors:
  - increase in number of bearing hills harvested for Cavendish variety on corporate farms in Compostela Valley, Davao City, Davao del Norte, Bukidnon, and Sultan Kudarat due to increasing demand; and
  - bigger bunches harvested in Cebu, Maguindanao, Misamis Oriental, Davao del Sur, and North Cotabato due to sufficient soil moisture during the fruiting stage.
- Davao Region remained the top banana producer with 897.72 thousand metric tons representing 38.4 percent of the total production this quarter. Northern Mindanao followed with 20.6 percent share and SOCCSKSARGEN with 13.2 percent (Figure 2).
- Cavendish variety accounted 51.8 percent of the country's total banana production. Saba and Lakatan came next with 27.6 percent and 10.2 percent shares, respectively (Figure 3).

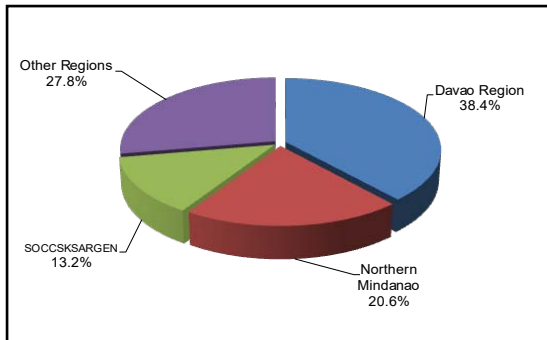


Figure 2 Distribution of Banana Production by Region, October-December: 2016<sup>P</sup>

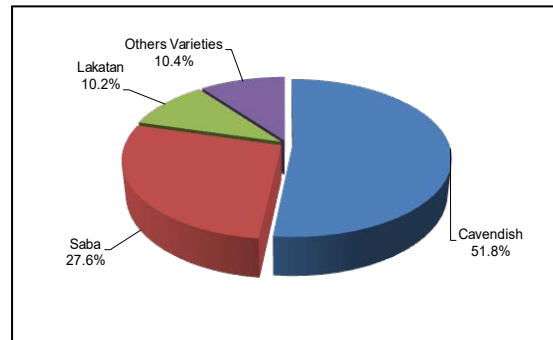


Figure 3 Percent Distribution of Banana Production by Variety, October-December: 2016<sup>P</sup>



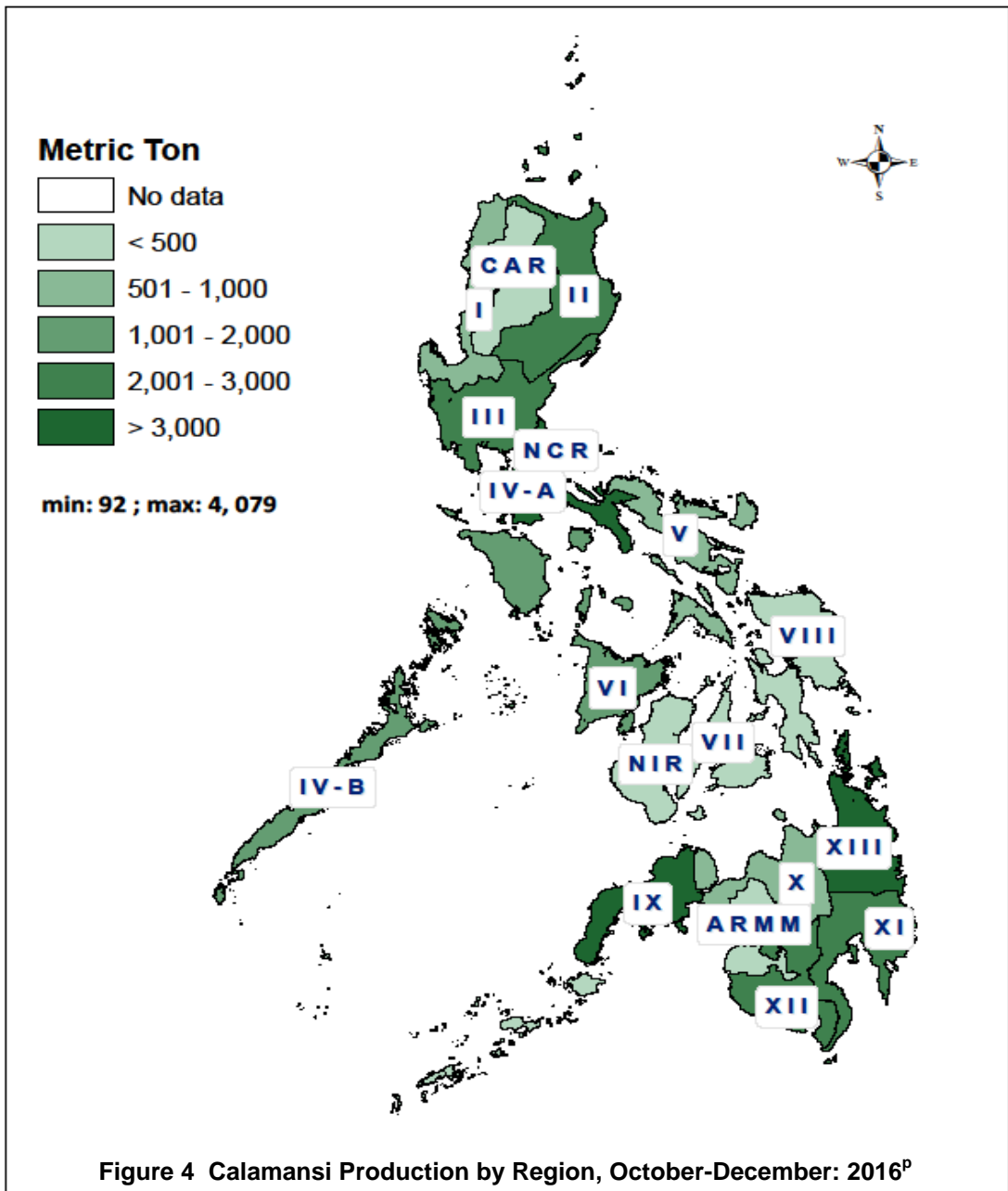
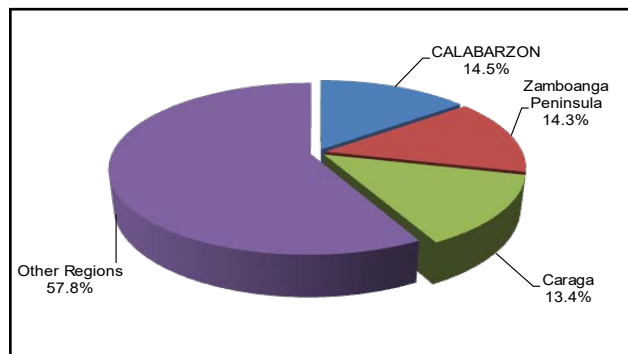


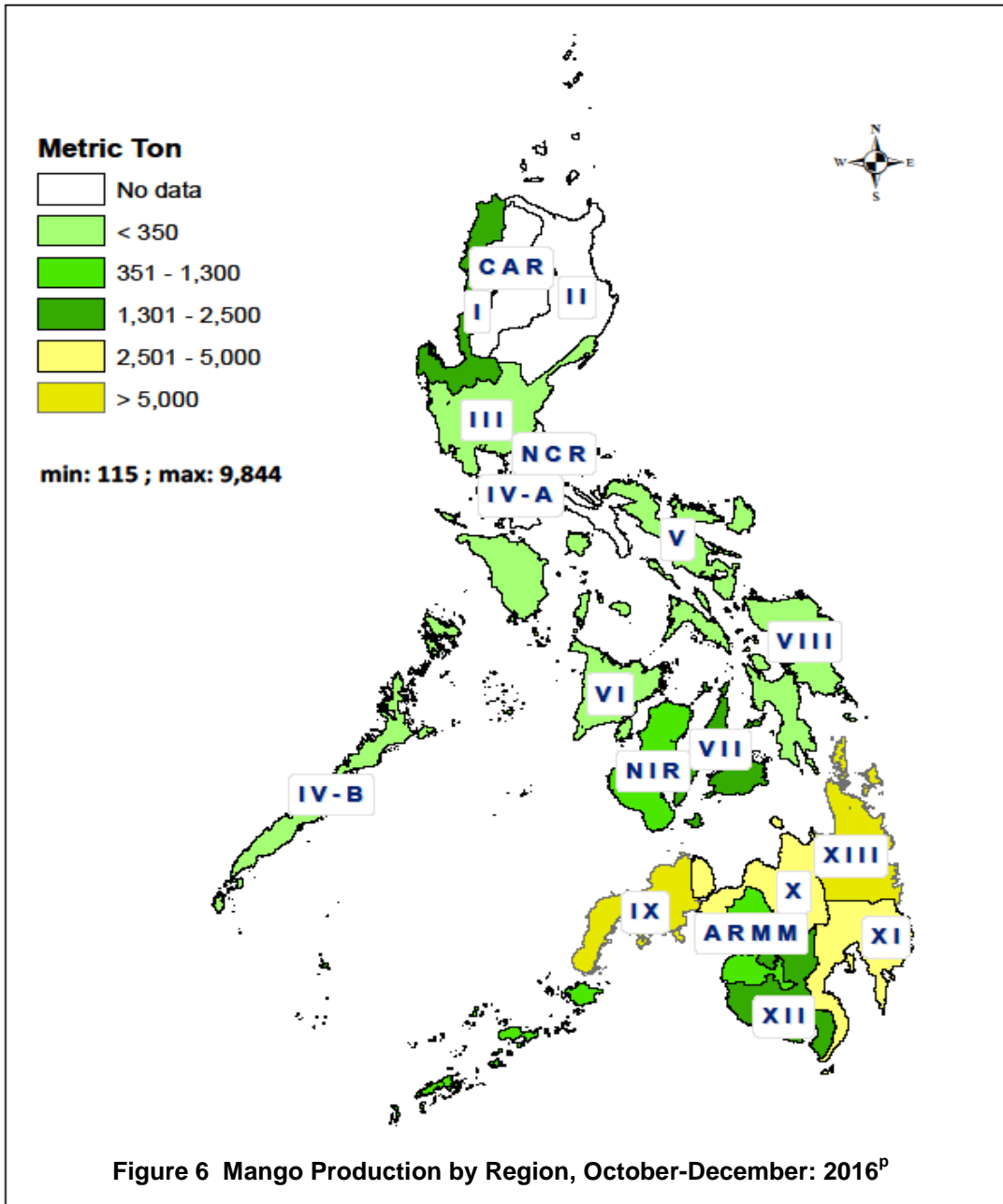
Figure 4 Calamansi Production by Region, October-December: 2016<sup>P</sup>

## Calamansi

- For the period October-December 2016, production of calamansi was estimated at 28.13 thousand metric tons which was 1.8 percent higher than last year's output of 27.63 thousand metric tons. The higher output could be attributed to the following:
  - more fruits harvested per tree in Agusan del Sur and in Zamboanga Sibugay due to proper maintenance such as fertilization and pruning; and in Batangas due to occurrence of moderate rains during the flowering stage.
- CALABARZON topped all the calamansi producing regions with 4.08 thousand metric tons contributing 14.5 percent share to the national output. This was followed by Zamboanga Peninsula with 14.3 percent and Caraga with 13.4 percent (Figure 5).

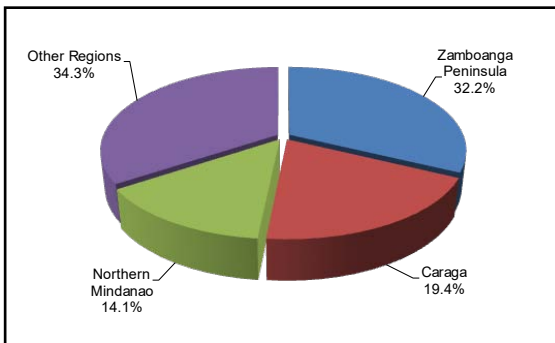


**Figure 5 Distribution of Calamansi Production by Region, October-December: 2016<sup>P</sup>**

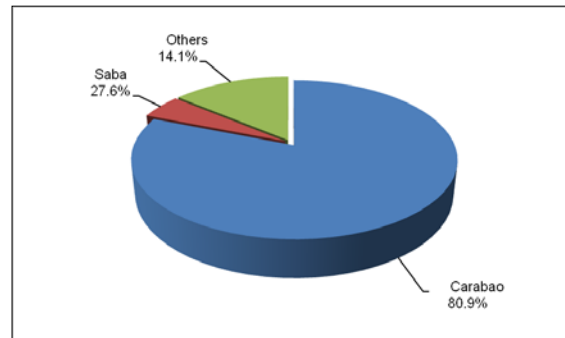


## Mango

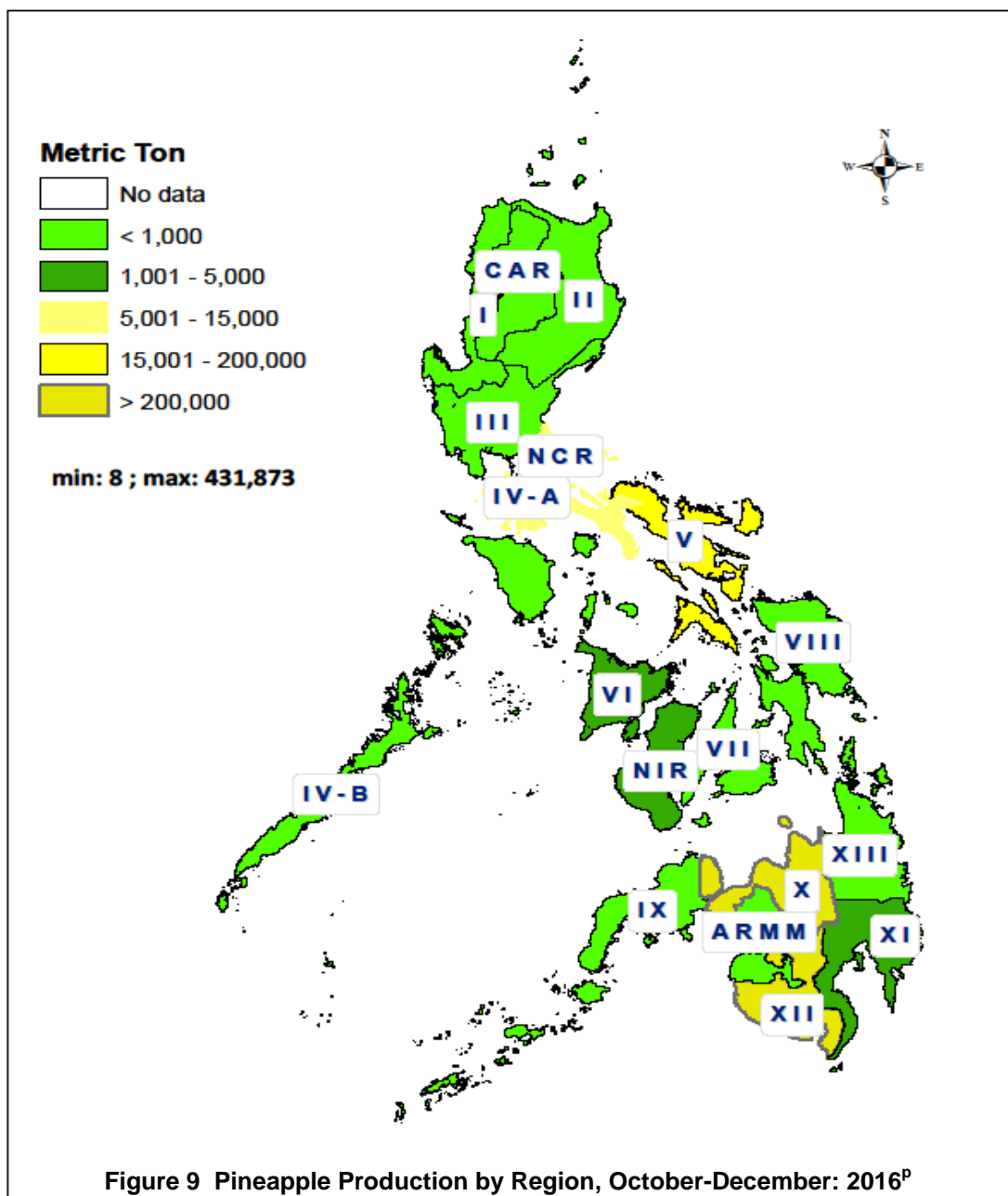
- Production of mango in the fourth quarter of 2016 reached 30.58 thousand metric tons. This was 7.7 per cent lower than the 33.13 thousand metric tons level in 2015. The drop in output was brought about by the following:
  - lesser trees induced in Cebu and all provinces in Zamboanga Peninsula as most carabao mango contractors/inducers anticipated rainy weather condition.
- Zamboanga Peninsula registered the biggest production at 9.84 thousand metric tons which represented 32.2 percent of the country's mango production. The other major producers were Caraga with 19.4 percent share and Northern Mindanao with 14.1 percent (Figure 7).
- Carabao mango recorded 80.9 percent of the country's total mango production during the October-December period (Figure 8).



**Figure 7 Distribution of Mango Production by Region, October-December: 2016<sup>P</sup>**

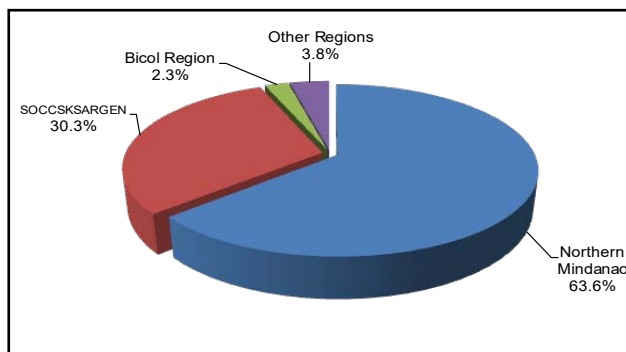


**Figure 8 Percent Distribution of Mango Production by Variety, October-December: 2016<sup>P</sup>**



## Pineapple

- The October-December 2016 production of pineapple grew by 1.4 percent, from 670.02 thousand metric tons in 2015 to 679.17 thousand metric tons this year. The increase could be attributed to the following:
  - increase in area harvested on corporate farms in Bukidnon; and
  - bigger fruits harvested in South Cotabato due to recovery from the effects of dry spell in the previous quarters and in Cavite due to adequate rainfall during fruit development.
- Northern Mindanao, the top pineapple producer, recorded 431.87 thousand metric tons output and shared 63.6 percent of the national total. SOCCSKSARGEN followed with 30.3 percent and Bicol Region with 2.3 percent (Figure 10).



**Figure 10 Distribution of Pineapple Production by Region, October-December: 2016<sup>P</sup>**

# **STATISTICAL TABLES**

**Table 1 Volume of Production for Selected Fruit Crops, Philippines:  
July-September: 2015-2016 and October-December: 2015-2016<sup>P</sup>**  
(In metric tons)

CROP	Production				Percent Change	
	July-September		October-December		Jul-Sept	Oct-Dec
	2015	2016	2015	2016 <sup>P</sup>		
Banana	2,348,491	2,304,240	2,299,320	2,335,481	(1.9)	1.6
Cavendish	1,146,697	1,176,610	1,181,114	1,209,264	2.6	2.4
Lakatan	267,181	245,138	239,243	239,176	(8.3)	(0.03)
Saba	701,234	653,862	636,435	643,664	(6.8)	1.1
Calamansi	97,716	56,019	27,634	28,133	(42.7)	1.8
Mango	64,206	58,603	33,127	30,578	(8.7)	(7.7)
Carabao	50,775	46,531	26,776	24,751	(8.4)	(7.6)
Pineapple	662,756	673,474	670,021	679,168	1.6	1.4

<sup>P</sup>*Preliminary*



**Table 2 Volume of Production for Banana by Region,  
July-September: 2015-2016 and October-December: 2015-2016<sup>P</sup>**  
(In metric tons)

Region	Production				Percent Change	
	July-September		October-December		Jul-Sept	Oct-Dec
	2015	2016	2015	2016 <sup>P</sup>		
<b>PHILIPPINES</b>	<b>2,348,491</b>	<b>2,304,240</b>	<b>2,299,320</b>	<b>2,335,481</b>	<b>(1.9)</b>	<b>1.6</b>
National Capital Region	-	-	-	-	-	-
CAR	7,823	8,407	4,469	2,853	7.5	(36.2)
Ilocos Region	8,450	8,870	12,182	11,235	5.0	(7.8)
Cagayan Valley	96,680	99,295	39,012	36,538	2.7	(6.3)
Central Luzon	14,053	12,491	12,604	12,654	(11.1)	0.4
CALABARZON	33,719	38,113	16,512	17,762	13.0	7.6
MIMAROPA	58,420	28,978	37,606	26,719	(50.4)	(28.9)
Bicol Region	24,271	24,924	19,589	20,189	2.7	3.1
Western Visayas	27,544	27,654	77,290	79,709	0.4	3.1
Central Visayas	31,787	29,323	36,194	43,309	(7.8)	19.7
Eastern Visayas	62,372	63,329	49,388	51,606	1.5	4.5
Zamboanga Peninsula	75,758	66,617	95,417	92,984	(12.1)	(2.6)
Northern Mindanao	496,625	503,148	474,952	481,501	1.3	1.4
Davao Region	879,781	907,501	881,271	897,716	3.2	1.9
SOCCSKSARGEN	300,799	245,743	295,842	307,879	(18.3)	4.1
Caraga	70,791	78,040	66,900	69,411	10.2	3.8
ARMM	129,753	132,671	150,034	153,542	2.2	2.3
Negros Island Region	29,862	29,138	30,059	29,875	(2.4)	(0.6)

<sup>P</sup>*Preliminary*  
*- no data*

**Table 3 Volume of Production for Calamansi by Region,  
July-September: 2015-2016 and October-December: 2015-2016<sup>P</sup>**  
(In metric tons)

Region	Production				Percent Change	
	July-September		October-December		Jul-Sept	Oct-Dec
	2015	2016	2015	2016 <sup>P</sup>		
<b>PHILIPPINES</b>	<b>97,716</b>	<b>56,019</b>	<b>27,634</b>	<b>28,133</b>	<b>(42.7)</b>	<b>1.8</b>
National Capital Region	-	-	-	-	-	-
CAR	80	82	124	111	1.7	(10.8)
Ilocos Region	974	1,016	927	890	4.3	(4.0)
Cagayan Valley	1,852	2,006	2,686	2,274	8.3	(15.3)
Central Luzon	2,803	2,888	3,018	2,934	3.0	(2.8)
CALABARZON	6,100	5,811	3,695	4,079	(4.7)	10.4
MIMAROPA	72,083	31,302	1,288	1,271	(56.6)	(1.3)
Bicol Region	766	839	592	661	9.6	11.7
Western Visayas	828	849	1,985	1,775	2.5	(10.6)
Central Visayas	375	460	103	111	22.8	8.3
Eastern Visayas	644	666	406	428	3.4	5.3
Zamboanga Peninsula	3,514	3,577	3,854	4,012	1.8	4.1
Northern Mindanao	733	825	507	534	12.5	5.3
Davao Region	2,636	2,717	2,316	2,414	3.1	4.2
SOCCSKSARGEN	2,455	1,088	2,314	2,318	(55.7)	0.2
Caraga	884	902	3,278	3,786	2.0	15.5
ARMM	906	908	442	443	0.1	0.3
Negros Island Region	84	86	99	92	2.5	(7.6)

<sup>P</sup> Preliminary

- no data

**Table 4 Volume of Production for Mango by Region,  
July-September: 2015-2016 and October-December: 2015-2016<sup>P</sup>**  
(In metric tons)

Region	Production				Percent Change	
	July-September		October-December		Jul-Sept	Oct-Dec
	2015	2016	2015	2016 <sup>P</sup>		
<b>PHILIPPINES</b>	<b>64,206</b>	<b>58,603</b>	<b>33,127</b>	<b>30,578</b>	<b>(8.7)</b>	<b>(7.7)</b>
National Capital Region	-	-	-	-	-	-
CAR	4	4	-	-	5.7	-
Ilocos Region	17	16	1,483	1,379	(9.0)	(7.0)
Cagayan Valley	264	264	-	-	(0.2)	-
Central Luzon	-	-	266	243	-	-
CALABARZON	14	12	-	-	(13.7)	-
MIMAROPA	93	97	154	156	4.4	1.4
Bicol Region	926	1,152	219	219	24.4	(0.2)
Western Visayas	2,208	2,125	382	349	(3.7)	(8.6)
Central Visayas	14,925	15,751	3,106	2,286	5.5	(26.4)
Eastern Visayas	111	105	134	115	(5.1)	(14.1)
Zamboanga Peninsula	14,764	9,834	11,040	9,844	(33.4)	(10.8)
Northern Mindanao	11,975	11,680	4,356	4,304	(2.5)	(1.2)
Davao Region	5,146	5,069	2,615	2,579	(1.5)	(1.4)
SOCCSKSARGEN	3,652	2,721	1,653	1,394	(25.5)	(15.7)
Caraga	5,921	5,960	5,797	5,934	0.7	2.4
ARMM	1,365	1,242	982	934	(9.0)	(4.9)
Negros Island Region	2,821	2,570	938	842	(8.9)	(10.2)

<sup>P</sup>*Preliminary*

- *no data*

**Table 5 Volume of Production for Pineapple by Region,  
July-September: 2015-2016 and October-December: 2015-2016<sup>P</sup>**  
(In metric tons)

Region	Production				Percent Change	
	July-September		October-December		Jul-Sept	Oct-Dec
	2015	2016	2015	2016 <sup>P</sup>		
<b>PHILIPPINES</b>	<b>662,756</b>	<b>673,474</b>	<b>670,021</b>	<b>679,168</b>	<b>1.6</b>	<b>1.4</b>
National Capital Region	-	-	-	-	-	-
CAR	222	250	9	8	12.2	(2.5)
Ilocos Region	23	25	56	55	8.7	(2.2)
Cagayan Valley	13,674	13,635	152	133	(0.3)	(12.8)
Central Luzon	280	298	82	92	6.5	12.6
CALABARZON	3,790	3,496	13,319	14,697	(7.8)	10.3
MIMAROPA	52	61	41	52	16.3	27.8
Bicol Region	41,200	47,539	16,089	15,580	15.4	(3.2)
Western Visayas	2,428	2,524	4,333	4,216	4.0	(2.7)
Central Visayas	266	206	61	59	(22.3)	(4.3)
Eastern Visayas	1,075	1,257	271	567	16.9	109.3
Zamboanga Peninsula	377	289	727	659	(23.4)	(9.3)
Northern Mindanao	392,322	411,326	425,832	431,874	4.8	1.4
Davao Region	3,969	3,951	3,981	4,063	(0.5)	2.1
SOCCKSARGEN	200,419	185,799	203,445	205,586	(7.3)	1.1
Caraga	991	1,194	202	210	20.5	4.0
ARMM	226	224	277	269	(1.2)	(2.9)
Negros Island Region	1,442	1,403	1,147	1,049	(2.8)	(8.5)

<sup>P</sup>*Preliminary*

- *no data*

**Table 6 Area Planted and Number of Bearing Trees/Hills for Selected Crops, Philippines, July-December: 2015-2016<sup>P</sup>**

Selected Crops	July-December		Percent Change
	2015	2016 <sup>P</sup>	
<b>Area Planted (Ha)</b>			
Banana	442,168	439,031	(0.7)
Cavendish	85,474	85,877	0.5
Lakatan	56,251	53,963	(4.1)
Saba	181,871	181,667	(0.1)
Calamansi	19,838	19,695	(0.7)
Mango	187,166	186,857	(0.2)
Carabao	146,350	146,329	(0.01)
Pineapple	62,565	64,398	2.9
<b>Number of Bearing Trees/Hills</b>			
Banana	279,714,409	281,250,873	0.5
Cavendish	119,744,806	121,582,014	1.5
Lakatan	31,182,313	31,650,038	1.5
Saba	78,911,308	78,928,458	0.02
Calamansi	8,496,554	8,457,068	(0.5)
Mango	9,572,289	9,560,693	(0.1)
Carabao	7,211,523	7,215,654	0.1
Pineapple	NA	NA	NA

**NA-Not Applicable**

<sup>P</sup>**Preliminary**



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