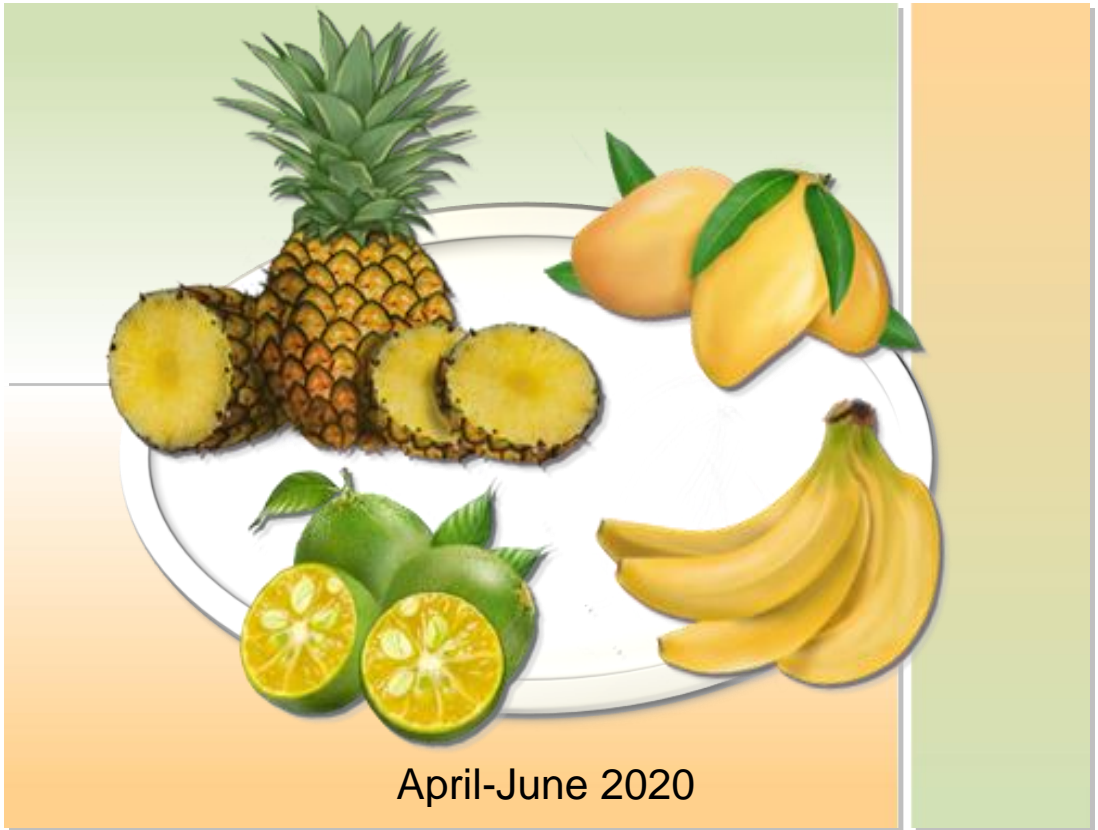


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Quezon City, Philippines



April-June 2020



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PHILIPPINE STATISTICS AUTHORITY

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National Statistician and Civil Registrar General

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FOREWORD

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

This second quarter 2020 issue of the Bulletin presents the final estimates of production from January to March 2020 and the preliminary estimates from April to June 2020. It also contains the January to June 2020 preliminary estimates on area planted and number of bearing trees/hills. The main source of data is the Crops Production Survey (CrPS) conducted quarterly by the PSA.



DENNIS S. MAPA, Ph.D.

Undersecretary

National Statistician and Civil Registrar General

Quezon City, Philippines
August 2020

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^p - Preliminary Estimate

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^{/p} - Preliminary Estimate

BACKGROUND¹

Scope and Coverage

The Crops Production Survey (CrPS) is the source of production data of all crops other than palay and corn. Around 282 crops are covered in this survey. For this bulletin, information on four major fruit crops are reported. These fruit crops are banana, calamansi, mango and pineapple.

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

Crops statistics cover all regions excluding the National Capital Region (NCR).

Sampling Methodology

A non-probability survey is employed for the CrPS. A "5 by 5" design is used in the selection of samples with province as domain. The top five producing cities/municipalities of a certain crop are chosen from each province. Then, from each of these cities/municipalities, five sample farmer-producers are selected as respondents. In this two-stage design, city/municipality serves as the primary sampling unit while farmer-producer is the secondary sampling unit.

Data Collection

For CrPS, data collection is conducted quarterly during the last 10 days of the middle month of the quarter; that is, in February, May, August, and November. It gathers data on production, area planted/harvested, and number of bearing trees/hills.

¹ Source: Excerpts from Crops Statistics of the Philippines 2012-2016; ISSN-2012-0487
<https://psa.gov.ph/content/crops-statistics-philippines-national-and-regional>

Concepts and Definitions

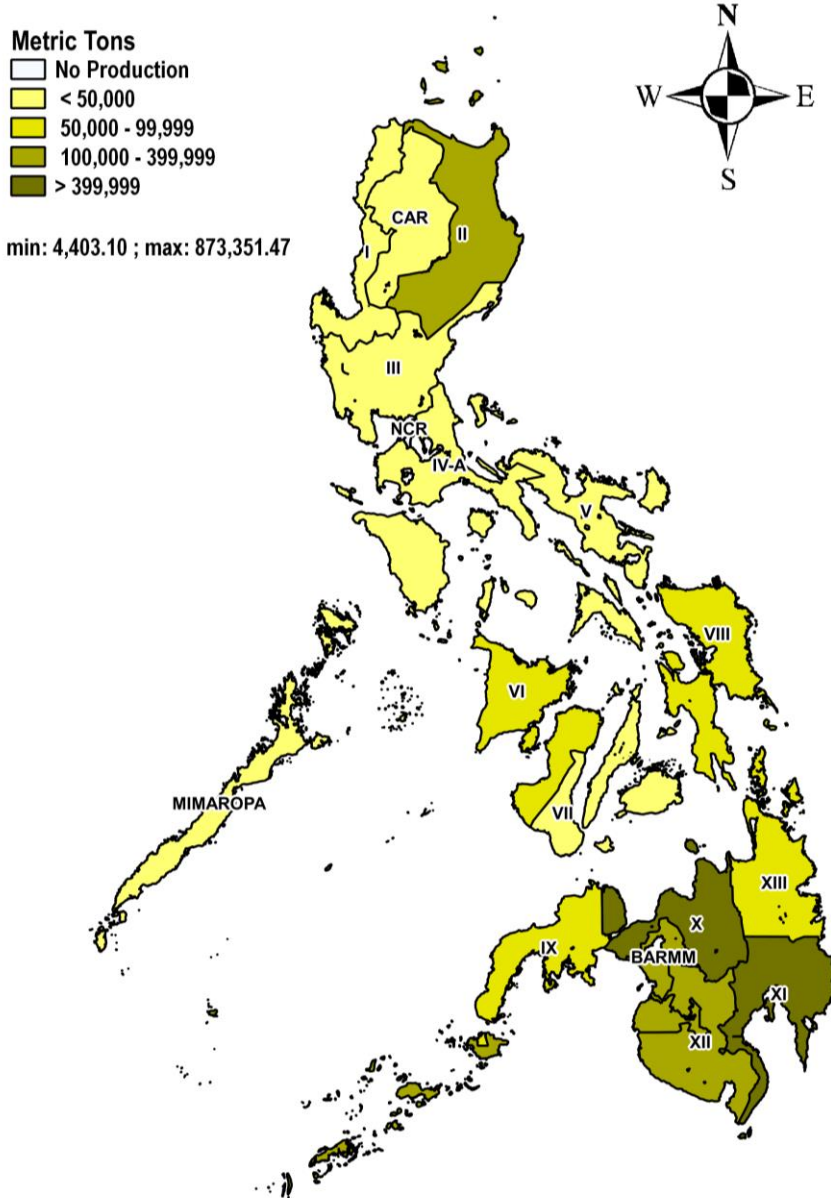
Crop production refers to the quantity produced and actually harvested for a particular crop during the reference period. It includes those harvested but damaged, stolen, given away, consumed, given as harvester's share, reserved, etc. It excludes those produced but not harvested due to low price, lack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

Area planted refers to the actual physical area planted. This generally applies to area reported for permanent crops and multi-harvest temporary crops. On the other hand, area harvested refers to the actual area from which harvests were realized. This excludes crop areas which were totally damaged. It may be smaller than the area planted. In crops statistics, this applies to temporary crops.

Bearing trees/hills refer to trees/hills where harvesting has been made in the past and may or may not have borne fruits (productive) during the reference period due to cyclical production pattern of the crop. Hills apply to banana.

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Figure 1. Banana Production by Region, April-June: 2020^p



Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CrPS)

HIGHLIGHTS

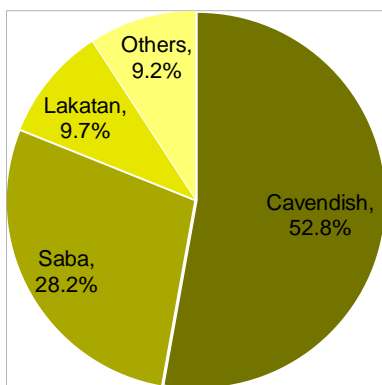
Banana

From April to June 2020, the country produced 2.23 million metric tons of banana. This was 1.3 percent lower than the 2.26 million metric tons recorded in the same period of 2019. (Table 1)

More than half or 52.8 percent of the produced banana was cavendish variety. Saba and lakatan variety followed with corresponding shares of 28.2 percent and 9.7 percent to the total. (Figure 2 and Table 1)

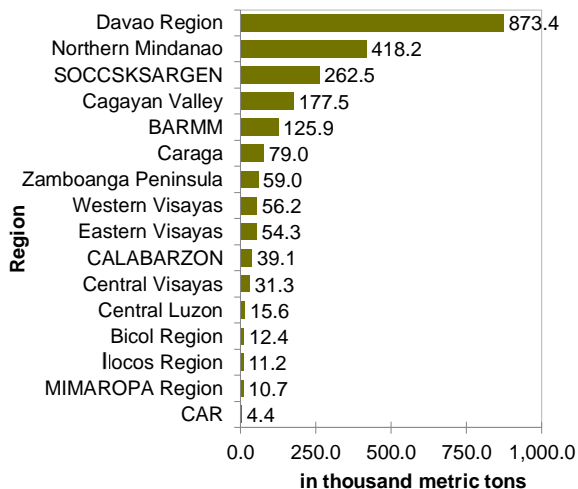
Davao Region remained the top producer of banana which contributed 39.2 percent to the total production, followed by Northern Mindanao and SOCCSKSARGEN with 18.7 percent and 11.8 percent shares, respectively. (Figure 3 and Table 2)

Figure 2. Distribution of Banana Production by Variety, Philippines, April-June: 2020^P



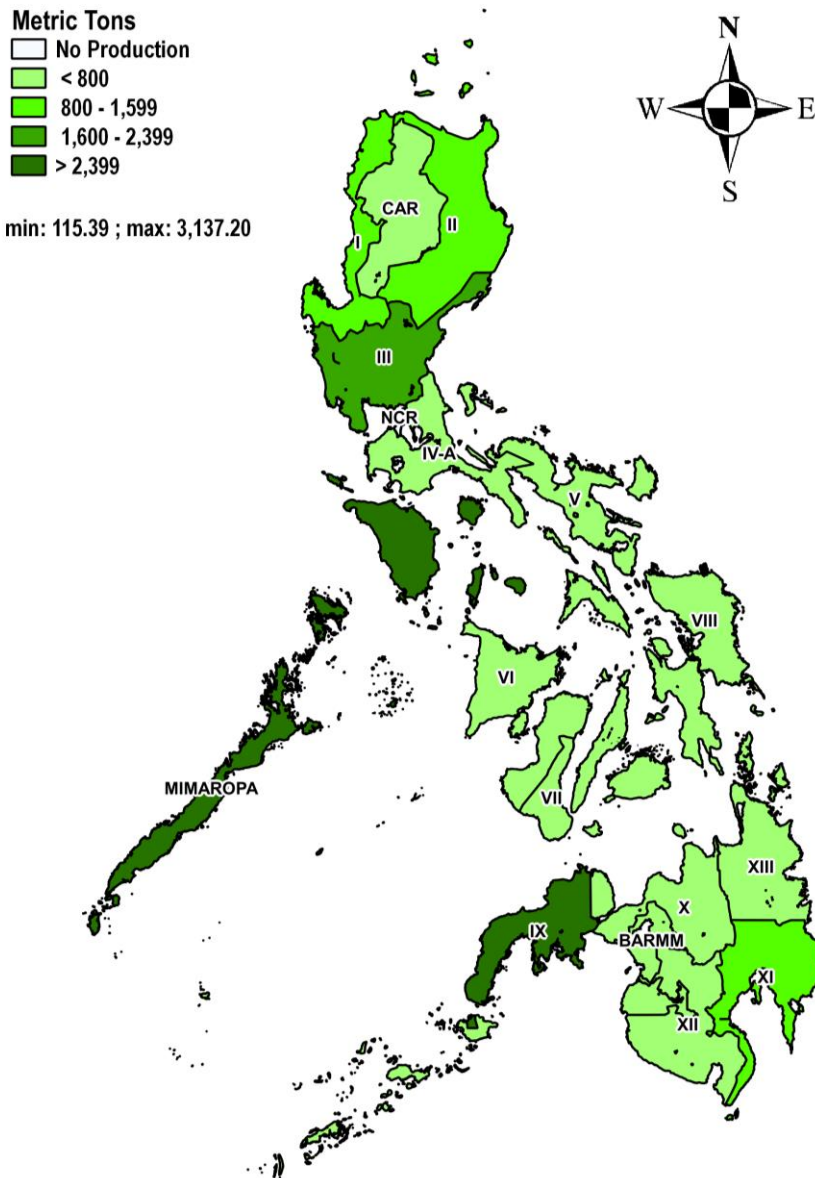
Notes: Details may not add up to total due to rounding
Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CrPS)

Figure 3. Distribution of Banana Production by Region, April-June: 2020^P



Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CrPS)

Figure 4. Calamansi Production by Region, April-June: 2020^p



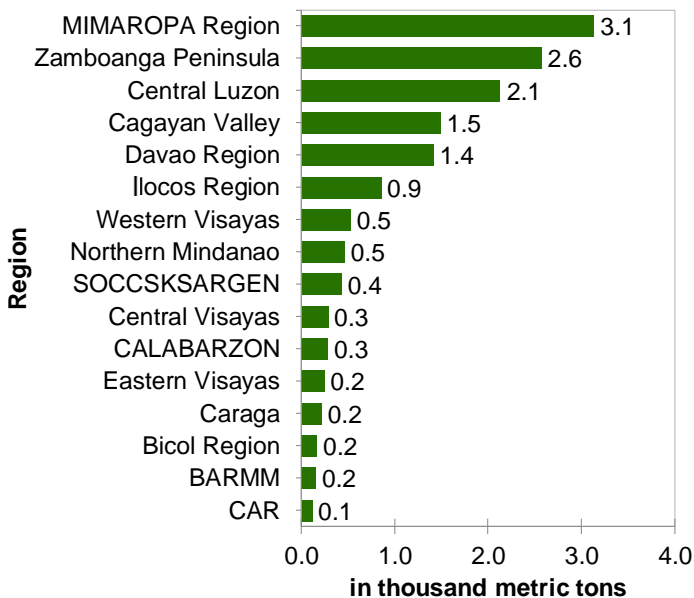
Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CrPS)

Calamansi

For the period April to June 2020, production of calamansi dropped to 14.51 thousand metric tons or by 19.5 percent from 18.02 thousand metric tons in the same quarter of 2019. (Table 1)

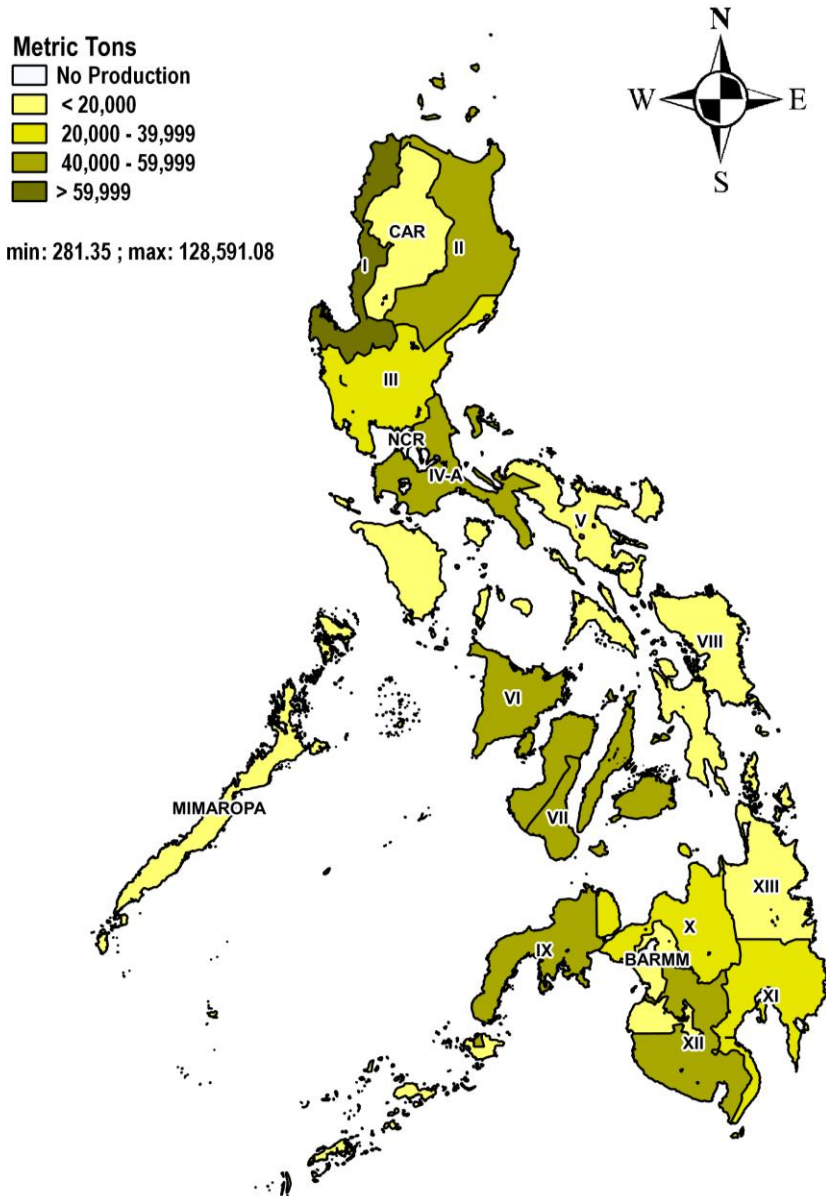
MIMAROPA Region had the largest share of 21.6 percent to the country's total calamansi production. This was followed by Zamboanga Peninsula with 17.7 percent and Central Luzon with 14.7 percent shares to total. (Figure 5 and Table 3)

Figure 5. Distribution of Calamansi Production by Region, April-June: 2020^p



Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CrPS)

Figure 6. Mango Production by Region, April-June: 2020^P



Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CrPS)

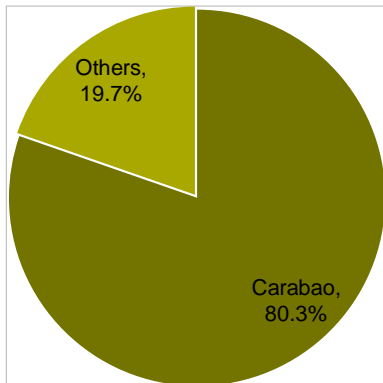
Mango

Mango production for the second quarter of 2020 reached 558.07 thousand metric tons, higher by 0.2 percent compared with the 556.88 thousand metric tons during the same period of 2019. (Table 1)

Carabao mango production at 448.24 thousand metric tons accounted for 80.3 percent of the country's total mango production. (Figure 7 and Table 1)

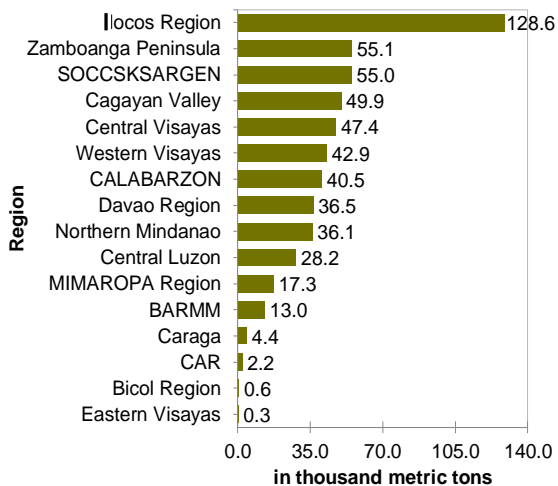
The highest producer of mango during the period was Ilocos Region which contributed 23.0 percent to the total national production. This was followed by Zamboanga Peninsula and SOCCSKSARGEN which both shared 9.9 percent to the total. (Figure 8 and Table 4)

Figure 7. Distribution of Mango Production by Variety, Philippines, April-June: 2020^P



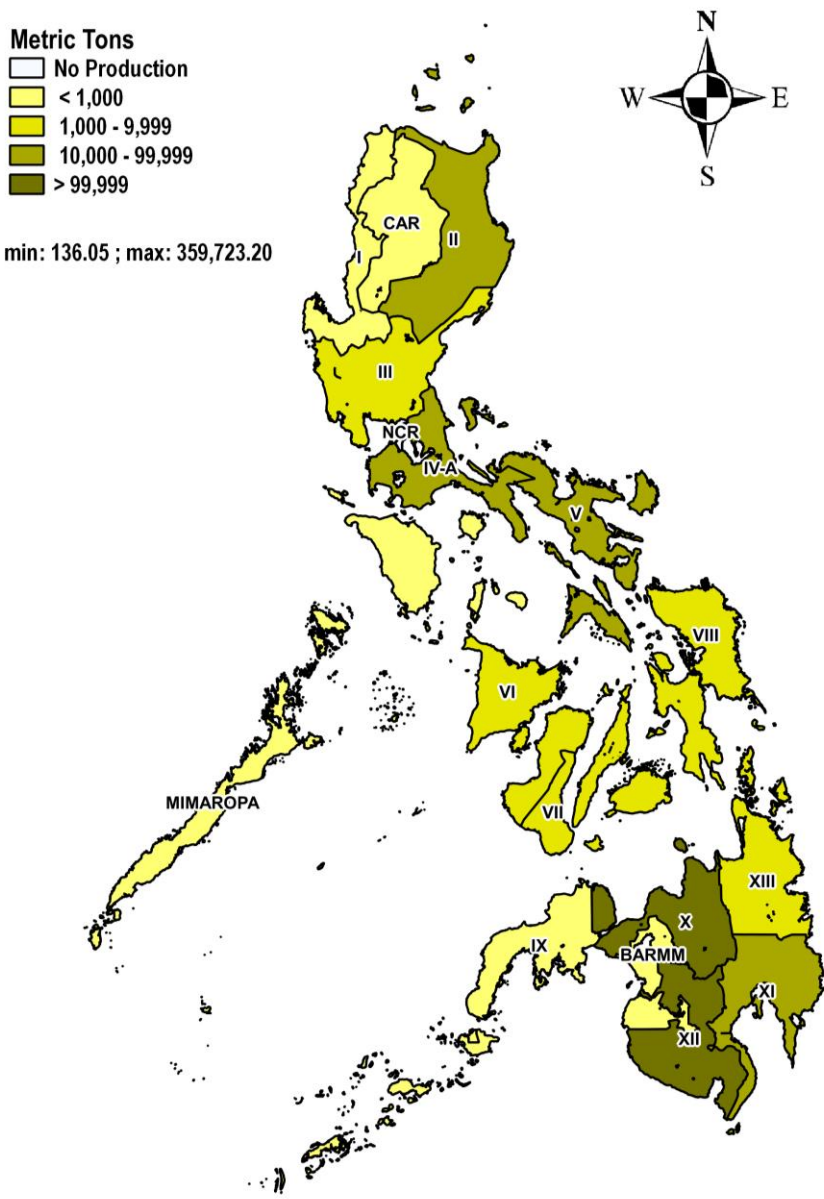
Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CRPS)

Figure 8. Distribution of Mango Production by Region, April-June: 2020^P



Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CRPS)

Figure 9. Pineapple Production by Region, April-June: 2020^p



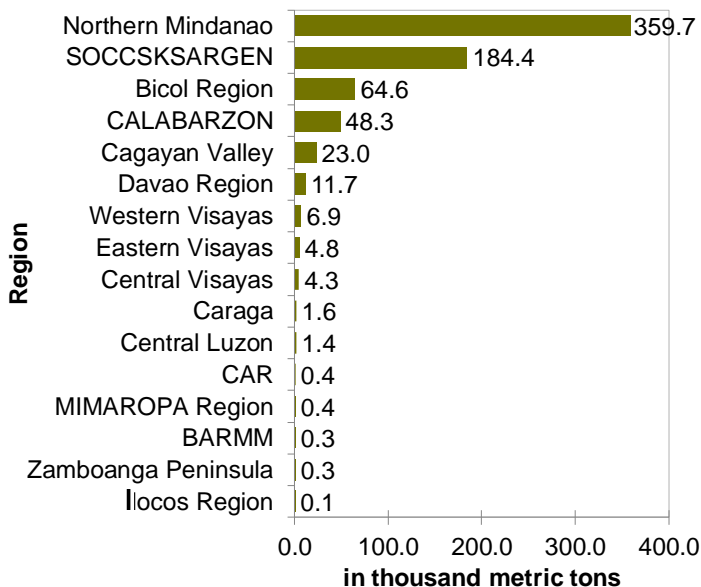
Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CrPS)

Pineapple

During the second quarter of 2020, production of pineapple increased to 712.26 thousand metric tons or by 1.4 percent from 702.25 thousand metric tons in the same quarter of 2019. (Table 5)

Northern Mindanao, which contributed 50.5 percent to the total production this quarter, was the top pineapple producer with 359.72 thousand metric tons. This was followed by SOCCSKSARGEN with 184.41 thousand metric tons or 25.9 percent share. (Figure 10 and Table 5)

Figure 10. Distribution of Pineapple Production by Region, April-June: 2020^p



Source: Philippine Statistics Authority, April to June 2020 Crops Production Survey (CrPS)

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STATISTICAL TABLES

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Table 1. Volume of Production for Selected Fruit Crops, Philippines,
January-March: 2019-2020 and April-June: 2019-2020^{/p}

Crop	Production (in metric tons)				Percent Change		Percent Share
	January-March		April-June		Jan-Mar	Apr-Jun ^{/p}	2020 ^{/p}
	2019	2020	2019	2020 ^{/p}			
Banana	2,114,496.88	2,063,107.28	2,260,965.47	2,230,664.10	-2.4	-1.3	
Cavendish	1,195,890.87	1,158,742.92	1,211,405.08	1,178,440.67	-3.1	-2.7	52.8
Lakatan	188,038.37	187,485.01	216,679.22	216,913.08	-0.3	0.1	9.7
Saba	528,676.48	519,829.75	628,490.77	630,138.49	-1.7	0.3	28.2
Other banana	201,891.17	197,049.61	204,390.40	205,171.87	-2.4	0.4	9.2
Calamansi	14,947.87	13,311.30	18,018.81	14,513.57	-10.9	-19.5	
Mango	94,916.02	94,068.98	556,876.58	558,067.20	-0.9	0.2	
Carabao	77,250.78	76,663.17	445,780.04	448,236.78	-0.8	0.6	80.3
Other mango	17,665.24	17,405.81	111,096.54	109,830.42	-1.5	-1.1	19.7
Pineapple	621,374.42	626,522.06	702,245.04	712,261.88	0.8	1.4	

Notes: ^{/p}-Preliminary

Percent share of varieties to the total crop production

Details may not add up to total due to rounding

Source: Philippine Statistics Authority, April to June 2020, Crops Production Survey (CrPS)

Table 2. Volume of Production for Banana by Region, January-March: 2019-2020
and April-June: 2019-2020^P

Region	Production (in metric tons)				Percent Change		Percent Share
	January-March		April-June		Jan-Mar	Apr-Jun ^P	2020 ^P
	2019	2020	2019	2020 ^P			
PHILIPPINES	2,114,496.88	2,063,107.28	2,260,965.47	2,230,664.10	-2.4	-1.3	100.0
Cordillera Administrative Region (CAR)	3,714.75	3,967.06	4,120.29	4,403.10	6.8	6.9	0.2
Region I (Ilocos Region)	10,490.24	10,843.88	10,672.12	11,239.63	3.4	5.3	0.5
Region II (Cagayan Valley)	18,800.85	25,120.89	152,009.02	177,528.57	33.6	16.8	8.0
Region III (Central Luzon)	10,995.62	12,406.94	15,425.84	15,575.41	12.8	1.0	0.7
Region IV-A (CALABARZON)	10,052.13	7,700.24	41,606.04	39,067.86	-23.4	-6.1	1.8
MIMAROPA Region	21,301.82	14,964.65	16,977.03	10,707.02	-29.7	-36.9	0.5
Region V (Bicol Region)	13,802.52	10,613.87	14,736.92	12,438.76	-23.1	-15.6	0.6
Region VI (Western Visayas)	82,825.44	73,363.90	61,962.17	56,185.81	-11.4	-9.3	2.5
Region VII (Central Visayas)	68,095.92	72,499.26	33,728.93	31,301.49	6.5	-7.2	1.4
Region VIII (Eastern Visayas)	58,257.10	56,137.65	55,403.60	54,258.05	-3.6	-2.1	2.4
Region IX (Zamboanga Peninsula)	36,358.87	35,809.55	61,662.62	59,016.22	-1.5	-4.3	2.6
Region X (Northern Mindanao)	526,606.88	524,728.54	418,609.96	418,231.24	-0.4	-0.1	18.7
Region XI (Davao Region)	784,326.99	757,261.05	900,399.78	873,351.47	-3.5	-3.0	39.2
Region XII (SOCCSKSARGEN)	269,990.53	256,560.30	274,513.20	262,462.25	-5.0	-4.4	11.8
Region XIII (Caraga)	61,019.47	66,054.80	71,974.51	79,032.88	8.3	9.8	3.5
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	137,857.77	135,074.72	127,163.45	125,864.32	-2.0	-1.0	5.6

Notes: ^P-Preliminary

Details may not add up to total due to rounding

Source: Philippine Statistics Authority, April to June 2020, Crops Production Survey (CrPS)

Table 3. Volume of Production for Calamansi by Region, January-March: 2019-2020
and April-June: 2019-2020^p

Region	Production (in metric tons)				Percent Change		Percent Share
	January-March		April-June		Jan-Mar	Apr-Jun ^p	2020 ^p
	2019	2020	2019	2020 ^p			
PHILIPPINES	14,947.87	13,311.30	18,018.81	14,513.57	-10.9	-19.5	100.0
Cordillera Administrative Region (CAR)	131.20	143.43	118.37	115.39	9.3	-2.5	0.8
Region I (Ilocos Region)	596.20	614.35	833.33	854.66	3.0	2.6	5.9
Region II (Cagayan Valley)	472.18	556.11	1,461.18	1,492.31	17.8	2.1	10.3
Region III (Central Luzon)	1,935.63	2,034.64	1,969.47	2,136.12	5.1	8.5	14.7
Region IV-A (CALABARZON)	2,956.56	2,412.86	331.50	285.39	-18.4	-13.9	2.0
MIMAROPA Region	2,481.13	1,151.34	7,005.78	3,137.20	-53.6	-55.2	21.6
Region V (Bicol Region)	195.52	172.08	183.86	170.05	-12.0	-7.5	1.2
Region VI (Western Visayas)	1,152.02	1,201.29	534.94	529.15	4.3	-1.1	3.6
Region VII (Central Visayas)	158.98	171.72	309.88	286.52	8.0	-7.5	2.0
Region VIII (Eastern Visayas)	487.71	401.04	132.76	246.76	-17.8	85.9	1.7
Region IX (Zamboanga Peninsula)	570.93	667.22	2,382.94	2,573.87	16.9	8.0	17.7
Region X (Northern Mindanao)	323.44	322.96	484.69	464.06	-0.1	-4.3	3.2
Region XI (Davao Region)	1,617.00	1,646.07	1,405.61	1,416.76	1.8	0.8	9.8
Region XII (SOCCSKSARGEN)	1,198.50	1,142.85	479.70	431.19	-4.6	-10.1	3.0
Region XIII (Caraga)	425.28	424.20	228.23	218.06	-0.3	-4.5	1.5
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	245.59	249.14	156.55	156.08	1.4	-0.3	1.1

Notes: ^p-Preliminary

Details may not add up to total due to rounding

Source: Philippine Statistics Authority, April to June 2020, Crops Production Survey (CrPS)

Table 4. Volume of Production for Mango by Region, January-March: 2019-2020
and April-June: 2019-2020^p

Region	Production (in metric tons)				Percent Change		Percent Share
	January-March		April-June		Jan-Mar	Apr-Jun ^p	2020 ^p
	2019	2020	2019	2020 ^p			
PHILIPPINES	94,916.02	94,068.98	556,876.58	558,067.20	-0.9	0.2	100.0
Cordillera Administrative Region (CAR)	356.35	217.64	2,534.46	2,174.82	-38.9	-14.2	0.4
Region I (Ilocos Region)	51,823.77	48,600.56	125,619.79	128,591.08	-6.2	2.4	23.0
Region II (Cagayan Valley)	6.09	6.29	44,910.02	49,888.06	3.3	11.1	8.9
Region III (Central Luzon)	15,685.51	18,302.34	26,144.54	28,151.34	16.7	7.7	5.0
Region IV-A (CALABARZON)	178.56	139.71	46,667.36	40,538.67	-21.8	-13.1	7.3
MIMAROPA Region	589.06	477.19	16,323.89	17,346.38	-19.0	6.3	3.1
Region V (Bicol Region)	20.73	11.29	638.74	609.22	-45.5	-4.6	0.1
Region VI (Western Visayas)	6,462.35	6,131.99	45,371.24	42,923.07	-5.1	-5.4	7.7
Region VII (Central Visayas)	3,207.03	3,032.10	53,938.35	47,440.77	-5.5	-12.0	8.5
Region VIII (Eastern Visayas)	11.91	10.14	288.29	281.35	-14.9	-2.4	0.1
Region IX (Zamboanga Peninsula)	5,240.29	5,191.94	58,241.09	55,114.79	-0.9	-5.4	9.9
Region X (Northern Mindanao)	1,232.37	1,238.31	35,419.07	36,068.04	0.5	1.8	6.5
Region XI (Davao Region)	2,939.82	3,299.71	34,023.76	36,465.82	12.2	7.2	6.5
Region XII (SOCCSKSARGEN)	6,022.46	5,732.53	49,734.45	55,030.54	-4.8	10.6	9.9
Region XIII (Caraga)	1,073.86	1,608.36	4,268.57	4,400.24	49.8	3.1	0.8
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	65.86	68.88	12,752.97	13,043.01	4.6	2.3	2.3

Notes: ^p-Preliminary

Details may not add up to total due to rounding

Source: Philippine Statistics Authority, April to June 2020, Crops Production Survey (CrPS)

Table 5. Volume of Production for Pineapple by Region, January-March: 2019-2020
and April-June: 2019-2020^p

Region	Production (in metric tons)				Percent Change		Percent Share
	January-March		April-June		Jan-Mar	Apr-Jun ^p	2020 ^p
	2019	2020	2019	2020 ^p			
PHILIPPINES	621,374.42	626,522.06	702,245.04	712,261.88	0.8	1.4	100.0
Cordillera Administrative Region (CAR)	71.50	79.00	370.12	390.26	10.5	5.4	0.1
Region I (Ilocos Region)	12.45	12.43	139.68	136.05	-0.1	-2.6	0.0
Region II (Cagayan Valley)	502.47	503.71	21,318.53	23,035.51	0.2	8.1	3.2
Region III (Central Luzon)	23.45	23.55	1,378.39	1,389.74	0.4	0.8	0.2
Region IV-A (CALABARZON)	9,180.66	5,445.61	56,428.76	48,325.65	-40.7	-14.4	6.8
MIMAROPA Region	125.08	125.44	330.91	375.41	0.3	13.4	0.1
Region V (Bicol Region)	36,464.44	42,806.29	58,618.18	64,551.37	17.4	10.1	9.1
Region VI (Western Visayas)	1,999.39	2,117.34	6,659.36	6,924.51	5.9	4.0	1.0
Region VII (Central Visayas)	2,199.88	2,300.58	4,073.25	4,286.77	4.6	5.2	0.6
Region VIII (Eastern Visayas)	1,394.51	1,447.25	4,729.73	4,825.80	3.8	2.0	0.7
Region IX (Zamboanga Peninsula)	122.15	113.18	255.53	281.09	-7.3	10.0	0.0
Region X (Northern Mindanao)	346,445.27	346,653.22	352,733.47	359,723.20	0.1	2.0	50.5
Region XI (Davao Region)	6,790.57	7,526.90	11,670.29	11,674.63	10.8	0.0	1.6
Region XII (SOCCSKSARGEN)	215,808.00	217,083.86	181,835.05	184,411.57	0.6	1.4	25.9
Region XIII (Caraga)	105.20	150.59	1,398.84	1,619.76	43.1	15.8	0.2
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	129.40	133.11	304.95	310.55	2.9	1.8	0.0

Notes: ^p-Preliminary

Details may not add up to total due to rounding

0.0 - percent share is less than 0.05

Source: Philippine Statistics Authority, April to June 2020, Crops Production Survey (CrPS)

Table 6. Area Planted and Number of Bearing Trees/Hills for Selected Crops, Philippines, January-June: 2019-2020^{/p}

Selected Crops	January-June		Percent Change
	2019	2020 ^{/p}	
Area Planted (Ha)			
Banana	447,299.71	442,800.63	-1.0
Cavendish	87,950.50	85,451.99	-2.8
Lakatan	56,950.94	56,904.43	-0.1
Saba	185,045.84	183,682.25	-0.7
Other banana	117,352.42	116,761.95	-0.5
Calamansi	19,595.74	19,617.47	0.1
Mango	186,415.01	186,680.65	0.1
Carabao	146,002.04	146,221.22	0.2
Other mango	40,412.97	40,459.43	0.1
Pineapple	63,903.53	64,025.84	0.2
Number of Bearing Trees/Hills			
Banana	281,886,573	278,695,014	-1.1
Cavendish	122,189,960	120,181,718	-1.6
Lakatan	31,593,487	31,447,507	-0.5
Saba	78,928,288	78,496,807	-0.5
Other banana	49,174,838	48,568,982	-1.2
Calamansi	8,304,138	8,245,428	-0.7
Mango	9,533,795	9,558,548	0.3
Carabao	7,184,491	7,210,207	0.4
Other mango	2,349,304	2,348,341	0.0

Notes: ^{/p}-Preliminary

Source: Philippine Statistics Authority, April to June 2020, Crops Production Survey (CrPS)

MAJOR FRUIT CROPS QUARTERLY BULLETIN

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