

AGRICULTURAL INDICATORS SYSTEM (AIS)

AGRICULTURAL EXPORTS AND IMPORTS

REPORT No. 2018 - 4



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PHILIPPINE STATISTICS AUTHORITY

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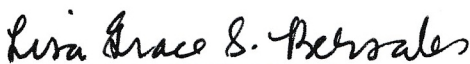
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FOREWORD

The Agricultural Indicators System (AIS) is one of the statistical indicator frameworks maintained by the Philippine Statistics Authority (PSA). AIS has twelve (12) modules which are updated and released annually. This is the fourth module entitled Agricultural Exports and Imports. It provides information on trade performance of selected major agricultural commodities. The reference years are 2013 to 2017.

The AIS hopes to cover more agricultural development indicators to support the information needs of our data users. We encourage the readers to give their comments and suggestions on the improvement of the AIS, in general, and this report, in particular.



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Undersecretary

National Statistician and Civil Registrar General

Quezon City, Philippines
September 2018

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AGRICULTURAL EXPORTS
AND IMPORTS



The trade performance of the country's major agricultural commodities is described in terms of the year-on-year changes on the volume and value of agricultural export and import commodities. It also shows the contribution of the agricultural products in the country's foreign trade and the share of selected agricultural commodities in the world export trade.

Agricultural Exports

The country's export earnings from agricultural products reached PhP 331.61 billion in 2017. This was higher by 32.25 percent from the 2016 record of PhP 250.75 billion. In particular, the value of rice exports in 2017 at PhP 44.61 million expanded notably by 114.85 percent. Its corresponding volume went up to 322.0 metric tons or by 22.30 percent. Exportation of corn in 2017 at 595.5 metric tons valued at PhP 84.11 million increased by 71.66 percent and by 65.32 percent, respectively. The revenues from the rice and corn exports registered minimal share of less than 0.1 percent each to the total value of agricultural exports.

In 2017, fresh banana remained as the country's major agricultural export commodity. Exportation of fresh banana at 2.86 million metric tons generated earnings of PhP 56.88 billion. Volume grew by 64.70 percent and value was up by 64.00 percent. The earnings from fresh banana exports accounted for an increased share of 17.15 percent in the total agricultural export revenues. The volume of centrifugal sugar exports at 440,733 metric tons indicated a 142.48 percent increment in 2017. Its exports value went up to PhP 10.26 billion by 118.14 percent and contributed 3.09 percent to the total value of agricultural exports. Virginia tobacco exports posted a remarkable growth in 2017. Its volume of exports at 31,995 metric tons accelerated by 501.79 percent. Export earnings from Virginia tobacco at PhP 1.21 billion registered a 35.41 percent increment and resulted to 0.37 percent contribution in the total value of agricultural exports. The volume of fresh mango exports at 16,166 metric tons and value at PhP 1.17 billion went up by 12.36 percent and 84.56 percent, respectively. Its share to the total earnings from agricultural exports inched up by 0.35 percent. On the other hand, there was a reduction in the exportation of fresh pineapple as its volume at 494,273 metric tons contracted by 17.53 percent while value at PhP 10.04 billion dropped by 11.03 percent. Likewise, the share of fresh pineapple was reduced to 3.03 percent in 2017.

The other reference agricultural commodities had less than 0.1 percent contribution to the total export receipt from agricultural products. Increasing exportations both in volume and value were noted for onion, mongo, cocoa beans, sweet potato, cassava, papaya and calamansi. Meanwhile, there were downtrends in the export volume and value of coconut (Table 1, 1a and 1b).

Agricultural Imports

In 2017, the total expenditures for the agricultural imports summed up to PhP 592.83 billion or 0.28 percent lower than the previous year's record of PhP 594.49 billion. Rice importation in 2017 at 0.89 million metric tons increased by 45.74 percent. Its import value amounting to PhP 18.03 billion was up by 36.14 percent. This led to an increased share of 3.04 percent in the country's import value of agricultural products. Meanwhile, the volume of corn imports contracted by 41.05 percent and settled at 0.48 million metric tons in 2017. Payment for corn imports at PhP 6.51 billion declined by 35.41 percent and this comprised a reduced share of 1.10 percent in 2017.

The importation of garlic reached 68,164 metric tons in 2017, higher by 15.56 percent. Its import value at PhP 906.21 million, which accounted for 0.15 percent share to the total agricultural import expenditures, grew by 20.39 percent in 2017. About 36,475 metric tons of mongo beans were imported in 2017 valued at PhP 1.26 billion. Its volume grew by 16.79 percent while value increased by 27.30 percent. The contribution of mongo beans imports in the total import value of agricultural commodities rose to 0.21 percent. The importation of Virginia tobacco in 2017 decreased to 14,621 metric tons or 2.36 percent lower than the 2016 volume. However, its respective value at PhP 4.11 billion was up by 28.59 percent. Virginia tobacco imports accounted for 0.69 percent of the total expenditures for agricultural imports. For onion, the volume of imports at 34,084 metric tons worth PhP 309.89 million declined significantly by 74.81 percent and 70.67 percent, respectively. Onion imports comprised a lesser share of 0.05 percent in the country's agricultural import expenditures. There was no recorded importation of cassava and cabbage in 2017.

A share of less than 0.1 percent in the country's value of agricultural imports was noted in the other commodities in review. Both the volume and value of imports of cauliflower and headed broccoli, carrots and potato were going up in 2017. Among these crops, cauliflower and headed broccoli exhibited the biggest growths in volume by 304.97 percent and in value by 257.62 percent. On the other hand, decreasing volume and value of imports were noted in pineapple. In contrast, the import volume and value of coffee, cocoa and Virginia tobacco moved in opposite trend (Table 2, 2a and 2b).

Agriculture in Total Foreign Trade and in World Export

In 2017, the share of agricultural products to the country's total export earnings continued to increase at 9.58 percent. However, its contribution to the total import expenditures was going down and settled at 12.24 percent (Table 3).

In the world export market, the Philippines had a bigger share in the export earnings from coconut products. In 2016, the contribution of the Philippines' export value of desiccated coconut to the world export earnings increased to 31.07 percent. Meanwhile, the shares of coconut oil, copra cake or meal, and copra were declining to 39.13 percent, 45.46 percent and 0.06 percent, respectively, in 2016. Increasing shares were noted in pineapple at 24.99 percent and banana at 5.77 percent. Meanwhile, the contributions of the other export commodities like sugar, onion and tobacco, were less than one percent each in the world export revenues (Table 4).

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Table 1
Volume, value and percentage share of selected commodities in total agricultural exports,
Philippines, 2013-2017

COMMODITY	2013			2014			2015		
	VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE	
		PhP ('000)	% Share		PhP ('000)	% Share		PhP ('000)	% Share
Grains									
Rice	2,664.1	228,731.3	0.084	1,075.3	143,673.4	0.049	219.5	36,412.1	0.016
Corn	310.8	50,554.4	0.019	717.7	119,141.9	0.041	492.0	218,308.2	0.093
Other crops									
Banana, fresh	3,266,547.6	40,859,091.9	15.040	3,630,976.3	50,150,273.7	17.269	1,795,219.2	29,931,743.5	12.819
Centrifugal sugar	471,268.6	11,583,320.3	4.264	206,825.0	4,755,242.6	1.637	38,750.2	990,686.0	0.424
Pineapple, fresh	489,742.9	6,473,096.7	2.383	487,492.4	6,831,202.3	2.352	315,829.0	5,740,503.7	2.459
Mango, fresh	7,886.0	564,421.3	0.208	21,111.5	1,083,446.4	0.373	12,981.3	731,866.8	0.313
Coconut (matured)	470.8	8,854.9	0.003	36.0	886.8	0.000	441.1	3,924.6	0.002
Onion, fresh	3,570.7	66,449.1	0.024	2,690.9	64,482.3	0.022	922.3	27,696.6	0.012
Mongo Beans	27.8	514.3	0.000	50.1	1,608.0	0.001	0.1	5.6	0.000
Coffee, Robusta	-	-	-	-	-	-	0.1	55.1	0.000
Cocoa Beans	498.1	45,763.7	0.017	1,769.7	197,941.4	0.068	1,803.7	262,094.1	0.112
Leaf Tobacco, Virginia type	12,129.6	1,537,722.6	0.566	14,231.4	2,151,914.9	0.741	8,653.6	1,469,364.9	0.629
Garlic, fresh	-	-	-	1.7	153.7	0.000	-	-	-
Sweet Potato	16.3	519.9	0.000	21.2	1,415.0	0.000	25.8	1,453.9	0.001
Cassava, fresh	1,031.0	67,634.4	0.025	1,743.5	101,418.2	0.035	656.1	34,268.9	0.015
Tomato	-	-	-	-	-	-	-	-	-
Cabbage	-	-	-	-	-	-	-	-	-
Papaya, fresh	5,924.8	260,308.4	0.096	5,108.4	212,915.0	0.073	1,834.4	101,471.5	0.043
Watermelon, fresh	85.4	1,146.2	0.000	168.8	1,700.4	0.001	274.9	1,793.1	0.001
Calamansi, fresh	29.4	1,293.6	0.000	44.8	1,933.3	0.001	43.0	1,500.4	0.001
All Agricultural Exports		271,666,502			290,409,020			233,488,813	

Table 1
Volume, value and percentage share ... (Concluded)

COMMODITY	2016			2017		
	VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE	
		PhP ('000)	% Share		PhP ('000)	% Share
Grains						
Rice	263.3	20,764.8	0.008	322.0	44,612.1	0.013
Corn	346.9	50,876.0	0.020	595.5	84,108.7	0.025
Other crops						
Banana, fresh	1,733,836.3	34,683,497.2	13.832	2,855,635.1	56,880,259.3	17.153
Centrifugal sugar	181,759.2	4,702,985.7	1.876	440,732.7	10,258,972.3	3.094
Pineapple, fresh	599,343.1	11,284,705.3	4.500	494,273.0	10,040,306.8	3.028
Mango, fresh	14,343.0	632,490.5	0.252	16,116.1	1,167,315.9	0.352
Coconut (matured)	1,909.2	51,345.2	0.020	112.0	32,365.4	0.010
Onion, fresh	601.3	25,431.9	0.010	776.5	36,947.9	0.011
Mungo Beans	2.9	428.5	0.000	21.6	3,534.3	0.001
Coffee, Robusta	-	-	-	-	-	-
Cocoa Beans	2,232.8	345,616.2	0.138	3,094.4	422,291.7	0.127
Leaf Tobacco, Virginia type	5,316.7	896,694.7	0.358	31,995.3	1,214,216.7	0.366
Garlic, fresh	-	-	-	0.0	5.8	0.000
Sweet Potato	23.8	1,628.7	0.001	25.8	1,925.8	0.001
Cassava, fresh	641.0	32,875.5	0.013	1,344.7	72,092.4	0.022
Tomato	0.4	7.5	0.000	-	-	-
Cabbage	-	-	-	0.2	21.8	0.000
Papaya, fresh	1,588.0	87,770.4	0.035	2,254.6	130,253.5	0.039
Watermelon, fresh	74.3	742.1	0.000	10.5	773.2	0.000
Calamansi, fresh	53.6	1,760.1	0.001	69.4	3,138.1	0.001
All Agricultural Exports		250,747,773			331,606,385	

- no exports

Source of basic data: Philippine Statistics Authority

Table 1a
Growth rates of value of selected agricultural exports,
Philippines, 2013-2017

(in percent)

COMMODITY	2013-2014	2014-2015	2015-2016	2016-2017
Grains				
Rice	-37.19	-74.66	-42.97	114.85
Corn	135.67	83.23	-76.70	65.32
Other crops				
Banana, fresh	22.74	-40.32	15.88	64.00
Centrifugal sugar	-58.95	-79.17	374.72	118.14
Pineapple, fresh	5.53	-15.97	96.58	-11.03
Mango, fresh	91.96	-32.45	-13.58	84.56
Coconut (matured)	-89.99	342.55	1,208.30	-36.97
Onion, fresh	-2.96	-57.05	-8.18	45.28
Mongo Beans	212.64	-99.65	7,557.48	724.74
Coffee, Robusta	-	-	-	-
Cocoa Beans	332.53	32.41	31.87	22.19
Leaf Tobacco, Virginia type	39.94	-31.72	-38.97	35.41
Garlic, fresh	-	-	-	-
Sweet Potato	172.15	2.75	12.02	18.24
Cassava, fresh	49.95	-66.21	-4.07	119.29
Tomato	-	-	-	-
Cabbage	-	-	-	-
Papaya, fresh	-18.21	-52.34	-13.50	48.40
Watermelon, fresh	48.36	5.45	-58.61	4.18
Calamansi, fresh	49.45	-22.39	17.31	78.29
All Agricultural Exports	6.90	-19.60	7.39	32.25

- no exports

Source of basic data: Philippine Statistics Authority

Table 1b
Growth rates of volume of selected agricultural exports,
Philippines, 2013-2017

(in percent)

COMMODITY	2013-2014	2014-2015	2015-2016	2016-2017
Grains				
Rice	-59.64	-79.58	19.94	22.30
Corn	130.94	-31.45	-29.48	71.66
Other crops				
Banana, fresh	11.16	-50.56	-3.42	64.70
Centrifugal sugar	-56.11	-81.26	369.05	142.48
Pineapple, fresh	-0.46	-35.21	89.77	-17.53
Mango, fresh	167.71	-38.51	10.49	12.36
Coconut (matured)	-92.35	1,125.41	332.78	-94.14
Onion, fresh	-24.64	-65.72	-34.81	29.14
Mongo Beans	80.27	-99.73	2,016.30	655.37
Coffee, Robusta	-	-	-	-
Cocoa Beans	255.28	1.92	23.79	38.59
Leaf Tobacco, Virginia type	17.33	-39.19	-38.56	501.79
Garlic, fresh	-	-	-	-
Sweet Potato	29.99	21.66	-7.75	8.62
Cassava, fresh	69.10	-62.37	-2.30	109.78
Tomato	-	-	-	-
Cabbage	-	-	-	-
Papaya, fresh	-13.78	-64.09	-13.43	41.98
Watermelon, fresh	97.66	62.80	-72.98	-85.84
Calamansi, fresh	52.72	-4.07	24.68	29.49

- no exports

Source of basic data: Philippine Statistics Authority

Table 2
Volume, value and percentage share of selected commodities in total agricultural imports,
Philippines, 2013-2017

COMMODITY	2013			2014			2015		
	VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE	
		PhP ('000)	% Share		PhP ('000)	% Share		PhP ('000)	% Share
Grains									
Rice	399,076.6	7,314,295.7	2.173	1,089,140.6	20,140,416.2	4.711	1,481,502.5	28,013,134.6	5.615
Corn	341,604.6	5,879,815.0	1.747	575,138.7	9,100,989.4	2.129	712,423.7	8,995,823.2	1.803
Other crops									
Onion, fresh	8,507.9	48,485.5	0.014	9,047.0	71,717.6	0.017	36,246.7	288,114.7	0.058
Mongo Beans	33,910.1	976,270.9	0.290	28,903.6	901,172.9	0.211	31,240.4	998,627.4	0.200
Coffee, Roasted	474.0	62,029.7	0.018	1,215.6	209,093.8	0.049	1,974.6	321,717.1	0.064
Cocoa Beans	218.2	24,785.9	0.007	513.1	74,951.0	0.018	265.0	41,046.8	0.008
Leaf Tobacco, Virginia type	28,712.3	3,675,019.2	1.092	15,079.4	3,014,307.1	0.705	24,671.4	4,844,779.6	0.971
Garlic, fresh	2,532.2	19,134.1	0.006	29,659.6	402,849.5	0.094	70,392.8	889,869.2	0.178
Cassava, fresh	15,877.5	235,711.1	0.070	10,438.8	160,959.2	0.038	-	-	-
Tomato, fresh	0.3	14.7	0.000	10.5	581.7	0.000	64.5	1,859.1	0.000
Cabbage, fresh	-	-	-	-	-	-	-	-	-
Pineapple, fresh	-	-	-	-	-	-	-	-	-
Potato, fresh	4,362.3	54,175.8	0.016	6,666.1	109,525.9	0.026	20,026.9	339,620.2	0.068
Cauliflower & headed broccoli	24.1	2,067.1	0.001	27.1	1,942.5	0.000	17.7	781.0	0.000
Carrots, fresh	25.4	706.3	0.000	12.1	140.9	0.000	0.4	20.7	0.000
All Agricultural Imports		336,658,613			427,483,055			498,919,441	

Table 2
Volume, value and percentage share ... (Concluded)

COMMODITY	2016			2017		
	VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE	
		PhP ('000)	% Share		PhP ('000)	% Share
Grains						
Rice	609,363.6	13,242,850.7	2.228	888,085.9	18,029,117.7	3.041
Corn	806,118.6	10,077,247.9	1.695	475,244.0	6,509,394.5	1.098
Other crops						
Onion, fresh	135,295.6	1,056,588.6	0.178	34,084.0	309,893.4	0.052
Mongo Beans	31,232.4	993,694.2	0.167	36,474.8	1,264,971.3	0.213
Coffee, Roasted	1,686.2	304,474.4	0.051	1,353.9	381,409.3	0.064
Cocoa Beans	571.9	96,424.7	0.016	692.0	85,496.8	0.014
Leaf Tobacco, Virginia type	14,974.1	3,193,567.1	0.537	14,620.9	4,106,670.4	0.693
Garlic, fresh	58,983.3	752,753.9	0.127	68,163.8	906,208.8	0.153
Cassava, fresh	8.6	256.4	0.000	-	-	-
Tomato, fresh	-	-	-	0.0	2.6	0.000
Cabbage, fresh	0.6	13.1	0.000	-	-	-
Pineapple, fresh	67.8	2,616.0	0.000	4.1	1,627.8	0.000
Potato, fresh	20,246.5	422,268.6	0.071	20,262.4	450,471.8	0.076
Cauliflower & headed broccoli	43.6	3,024.7	0.001	176.5	10,816.7	0.002
Carrots, fresh	2.2	428.4	0.000	6.8	810.2	0.000
All Agricultural Imports		594,494,692			592,827,497	

- no imports

Source of basic data: Philippine Statistics Authority

Table 2a
Growth rates of value of selected agricultural imports,
Philippines, 2013-2017

(in percent)

COMMODITY	2013-2014	2014-2015	2015-2016	2016-2017
Grains				
Rice	175.36	39.09	-52.73	36.14
Corn	54.78	-1.16	12.02	-35.41
Other crops				
Onion, fresh	47.92	301.73	266.72	-70.67
Mongo Beans	-7.69	10.81	-0.49	27.30
Coffee, Roasted	237.09	53.86	-5.36	25.27
Cocoa Beans	202.39	-45.24	134.91	-11.33
Leaf Tobacco, Virginia type	-17.98	60.73	-34.08	28.59
Garlic, fresh	2,005.40	120.89	-15.41	20.39
Cassava, fresh	-31.71	-	-	-
Tomato, fresh	3,860.44	219.61	-	-
Cabbage, fresh	-	-	-	-
Pineapple, fresh	-	-	-	-37.78
Potato, fresh	102.17	210.08	24.34	6.68
Cauliflower & headed broccoli	-6.03	-59.79	287.29	257.62
Carrots, fresh	-80.05	-85.27	1,964.82	89.12
All Agricultural Imports	26.98	16.71	19.16	-0.28

- no imports

Source of basic data: Philippine Statistics Authority

Table 2b
Growth rates of volume of selected agricultural imports,
Philippines, 2013-2017

(in percent)

COMMODITY	2013-2014	2014-2015	2015-2016	2016-2017
Grains				
Rice	172.92	36.02	-58.87	45.74
Corn	68.36	23.87	13.15	-41.05
Other crops				
Onion, fresh	6.34	300.65	273.26	-74.81
Mung Beans	-14.76	8.08	-0.03	16.79
Coffee, Roasted	156.43	62.44	-14.61	-19.71
Cocoa Beans	135.10	-48.34	115.78	20.99
Leaf Tobacco, Virginia type	-47.48	63.61	-39.31	-2.36
Garlic, fresh	1,071.28	137.34	-16.21	15.56
Cassava, fresh	-34.25	-	-	-
Tomato, fresh	3,251.12	515.29	-	-
Cabbage, fresh	-	-	-	-
Pineapple, fresh	-	-	-	-94.02
Potato, fresh	52.81	200.43	1.10	0.08
Cauliflower & headed broccoli	12.47	-34.57	145.86	304.97
Carrots, fresh	-52.29	-96.46	422.72	201.28

- no imports

Source: Philippine Statistics Authority

Table 3
Share of agriculture in total foreign trade,
Philippines, 2013-2017

(in percent)

YEAR	EXPORTS	IMPORTS
2013	11.29	12.71
2014	10.54	14.73
2015	8.72	15.43
2016	9.20	14.88
2017	9.58	12.24
Average	9.86	14.00

Source of basic data: Philippine Statistics Authority

Table 4
Share of selected Philippine agricultural export
commodities in world export trade, 2014-2016

(in percent)

COMMODITY	2014	2015	2016
Coconut Oil	43.91	39.60	39.13
Copra Cake or Meal	62.95	51.91	45.46
Dessicated Coconut	32.08	24.99	31.07
Pineapple (canned)	16.59	24.92	24.99
Banana	10.58	4.49	5.77
Sugar (raw,centrifugal)	0.72	0.20	0.60
Copra	0.83	0.66	0.06
Onion, dry	0.05	0.02	0.02
Tobacco, unmanufactured	1.07	0.93	0.71

Source of basic data: Food and Agriculture Organization

MODULES OF THE AGRICULTURAL INDICATORS SYSTEM

1. Output and Productivity
2. Agricultural Structure and Resources
3. Economic Growth: Agriculture
4. **Agricultural Exports and Imports**
5. Food Sufficiency and Security
6. Food Consumption and Nutrition
7. Population and Labor Force
8. Redistribution of Land
9. Gender-based Indicators of Labor and Employment in Agriculture
10. Agricultural Credit
11. Prices and Marketing of Agricultural Commodities
12. Inputs



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