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AGRICULTURAL EXPORTS AND IMPORTS

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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 2014 to 2018.

The AIS aims 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 2019

TABLE OF CONTENTS

FOREWORD		i
LIST OF TABLES		iii
 AGRICULTURAL EXPORTS AND IMPORTS		
Table 1.	Share of agriculture in total foreign trade, Philippines, 2014-2018	4
Table 2.	Volume, value and percentage share of selected commodities in total agricultural exports, Philippines, 2014-2018	5
Table 2a.	Growth rates of value of selected agricultural exports, Philippines, 2014-2018	7
Table 2b.	Growth rates of volume of selected agricultural exports, Philippines, 2014-2018	8
Table 3.	Volume, value and percentage share of selected commodities in total agricultural imports, Philippines, 2014-2018	9
Table 3a.	Growth rates of value of selected agricultural imports, Philippines, 2014-2018	11
Table 3b.	Growth rates of volume of selected agricultural imports, Philippines, 2014-2018	12



**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.

Agricultural Exports

In 2018, the Philippine export earnings from agricultural products amounted to PhP 322.16 billion and this accounted for 8.83 percent of the total exports. The value of agricultural exports was 2.85 percent lower than the previous year's record. Specifically, the exportation of rice at 308.9 metric tons valued at PhP 29.71 million contracted by 4.06 percent and 33.39 percent, respectively. Likewise, declines in exportation were observed for corn as its volume at 333.8 metric tons was reduced by 43.94 percent and value at PhP 52.05 million decreased by 38.11 percent. The export earnings from rice and corn contributed less than 0.1 percent each to the total value of agricultural exports.

Fresh banana continued to be a major agricultural export commodity in 2018. About 3.13 million metric tons of fresh banana were exported and these amounted to PhP 72.78 billion. Its volume grew by 9.47 percent while the corresponding value increased by 27.95 percent. Hence, the share of fresh banana exports in the total agricultural export revenue rose to 22.59 percent. The volume of fresh pineapple exports at 391,982 metric tons and value at PhP 8.65 billion declined by 20.70 percent and 13.84 percent, respectively. Its contribution to the total earnings from agricultural exports was reduced to 2.69 percent in 2018. Fresh mango exports dropped to 13,562 metric tons in 2018 by 15.85 percent. Its export revenue amounting to PhP 990,942 declined by 15.11 percent and this comprised 0.31 percent of the total value of agricultural exports. Similarly, declining exportation was noted for centrifugal sugar as volume at 62,541 metric tons went down by 85.81 percent and value at 1.63 billion contracted by 84.12 percent. This resulted to a decreased share of 0.51 percent in the total earnings from agricultural exports. The export volume of Virginia tobacco at 7,468 metric tons was down by 16.88 percent. However, the revenue from the exportation of Virginia tobacco went up by 12.62 percent reaching PhP 1.37 billion which increased its share to 0.42 percent of the total value of agricultural exports.

Most of the other reference agricultural commodities recorded share of less than 0.1 percent of the country's exports earnings from agricultural products. Increased volume and value of exports were reported for sweet potato, cassava, cabbage, papaya and watermelon. In contrast, declining exportations both volume and value were observed in onion, mongo beans, cocoa beans and garlic (Tables 1, 2, 2a and 2b).

Agricultural Imports

The country's expenditures for agricultural imports totaled PhP 742.60 billion in 2018 which was 25.26 percent higher than the 2017 record. The import value of agricultural products comprised 12.50 percent of the total import expenditures. The importation of rice in 2018 at 2.01 million metric tons expanded by 108.26 percent. Likewise, its corresponding value at PhP 45.79 billion recorded an increment of 153.96 percent. This pushed up the share of rice imports to 6.17 percent of the total value of agricultural imports. Similar trend was observed for corn imports whose volume increased to 1.02 million metric tons by 113.94 percent and value rose to PhP 15.72 billion by 141.55 percent. Corn imports accounted for 2.12 percent of the total payments for agricultural imports.

In 2018, there was an abrupt increase in the importation of onion. The volume of onion imports at 108,081 metric tons indicated a 217.10 percent increment and its value at PhP 1.17 billion was higher by 278.15 percent than the previous year's level. Therefore, the share of onion in the total value of agricultural imports moved up to 0.16 percent in 2018. About 76,287 metric tons of garlic were imported in 2018, valued at PhP 1.12 million. Its volume and value grew by 11.92 percent and 23.29 percent, respectively. The expenditures for garlic imports comprised 0.15 percent of the total import value of agricultural products. Imports of mongo beans at 38,231 metric tons worth PhP 1.54 billion recorded corresponding gains of 4.81 percent and 21.53 percent. The contribution of mongo beans imports in the total import value of agricultural commodities was 0.21 percent in 2018. For Virginia tobacco, the volume of imports went up to 20,289 metric tons or by 38.77 percent. Its respective value at PhP 5.43 billion rose by 32.28 percent and it shared 0.73 percent in the total expenditures for agricultural imports. Meanwhile, there was no reported importation of cassava, tomato, cabbage and pineapple in 2018.

A minimal share of less than 0.1 percent of the country's value of agricultural imports was noted in the other reference commodities. Increases in the volume and value of imports in 2018 were recorded for coffee roasted, cocoa beans, potato, cauliflower and headed broccoli. On the other hand, carrots showed declining import value while there was an expansion in the import volume in 2018 (Tables 1, 3, 3a and 3b).

Table 1
Share of agriculture in total foreign trade,
Philippines, 2014-2018

(in percent)

YEAR	EXPORTS	IMPORTS
2014	10.54	14.73
2015	8.72	15.43
2016	9.20	14.88
2017	9.58	12.24
2018	8.83	12.50

Source of basic data: Philippine Statistics Authority

Table 2
Volume, value and percentage share of selected commodities in total agricultural exports,
Philippines, 2014-2018

COMMODITY	2014			2015			2016		
	VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE	
		PhP ('000)	% Share		PhP ('000)	% Share		PhP ('000)	% Share
Grains									
Rice	1,075.3	143,673.4	0.049	219.5	36,412.1	0.016	263.3	20,764.8	0.008
Corn	717.7	119,141.9	0.041	492.0	218,308.2	0.093	346.9	50,876.0	0.020
Other crops									
Banana, fresh	3,630,976.3	50,150,273.7	17.269	1,795,219.2	29,931,743.5	12.819	1,733,836.3	34,683,497.2	13.832
Centrifugal sugar	206,825.0	4,755,242.6	1.637	38,750.2	990,686.0	0.424	181,759.2	4,702,985.7	1.876
Pineapple, fresh	487,492.4	6,831,202.3	2.352	315,829.0	5,740,503.7	2.459	599,343.1	11,284,705.3	4.500
Mango, fresh	21,111.5	1,083,446.4	0.373	12,981.3	731,866.8	0.313	14,343.0	632,490.5	0.252
Coconut (matured)	36.0	886.8	0.000	441.1	3,924.6	0.002	1,909.2	51,345.2	0.020
Onion, fresh	2,690.9	64,482.3	0.022	922.3	27,696.6	0.012	601.3	25,431.9	0.010
Mongo Beans	50.1	1,608.0	0.001	0.1	5.6	0.000	2.9	428.5	0.000
Coffee, Robusta	-	-	-	0.1	55.1	0.000	-	-	-
Cocoa Beans	1,769.7	197,941.4	0.068	1,803.7	262,094.1	0.112	2,232.8	345,616.2	0.138
Leaf Tobacco, Virginia type	14,231.4	2,151,914.9	0.741	8,653.6	1,469,364.9	0.629	5,316.7	896,694.7	0.358
Garlic, fresh	1.7	153.7	0.000	-	-	-	-	-	-
Sweet Potato	21.2	1,415.0	0.000	25.8	1,453.9	0.001	23.8	1,628.7	0.001
Cassava, fresh	1,743.5	101,418.2	0.035	656.1	34,268.9	0.015	641.0	32,875.5	0.013
Tomato	-	-	-	-	-	-	0.4	7.5	0.000
Cabbage, fresh	-	-	-	-	-	-	-	-	-
Papaya, fresh	5,108.4	212,915.0	0.073	1,834.4	101,471.5	0.043	1,588.0	87,770.4	0.035
Watermelon, fresh	168.8	1,700.4	0.001	274.9	1,793.1	0.001	74.3	742.1	0.000
Calamansi, fresh	44.8	1,933.3	0.001	43.0	1,500.4	0.001	53.6	1,760.1	0.001
All Agricultural Exports		290,409,020			233,488,813			250,747,773	

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

COMMODITY	2017			2018		
	VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE	
		PhP ('000)	% Share		PhP ('000)	% Share
Grains						
Rice	322.0	44,612.1	0.013	308.9	29,714.9	0.009
Corn	595.5	84,108.7	0.025	333.8	52,051.5	0.016
Other crops						
Banana, fresh	2,855,635.1	56,880,259.3	17.153	3,126,203.3	72,779,319.4	22.591
Centrifugal sugar	440,732.7	10,258,972.3	3.094	62,540.8	1,629,390.1	0.506
Pineapple, fresh	494,273.0	10,040,306.8	3.028	391,982.1	8,651,209.1	2.685
Mango, fresh	16,116.1	1,167,315.9	0.352	13,562.2	990,941.7	0.308
Coconut (matured)	34.4	3,944.6	0.001	28.4	7,507.0	0.002
Onion, fresh	776.5	36,947.9	0.011	252.0	17,161.3	0.005
Mongo Beans	21.6	3,534.3	0.001	2.3	269.0	0.000
Coffee, Robusta	-	-	-	-	-	-
Cocoa Beans	3,094.4	422,291.7	0.127	2,732.6	359,807.7	0.112
Leaf Tobacco, Virginia type	8,984.5	1,214,216.7	0.366	7,467.8	1,367,483.5	0.424
Garlic, fresh	0.0	5.8	0.000	0.0	2.9	0.000
Sweet Potato	25.8	1,925.8	0.001	29.8	2,366.5	0.001
Cassava, fresh	680.9	40,291.1	0.012	905.9	44,438.6	0.014
Tomato	-	-	-	-	-	-
Cabbage	0.2	21.8	0.0	0.4	35.1	0.000
Papaya, fresh	2,254.6	130,253.5	0.039	3,579.9	181,494.1	0.056
Watermelon, fresh	10.5	773.2	0.000	11.3	1,490.0	0.000
Calamansi, fresh	69.4	3,138.1	0.001	59.5	3,468.6	0.001
All Agricultural Exports		331,606,385			322,155,278	

- no exports

Source of basic data: Philippine Statistics Authority

Table 2a
Growth rates of value of selected agricultural exports,
Philippines, 2014-2018
 (in percent)

COMMODITY	2014-2015	2015-2016	2016-2017	2017-2018
Grains				
Rice	-74.66	-42.97	114.85	-33.39
Corn	83.23	-76.70	65.32	-38.11
Other crops				
Banana, fresh	-40.32	15.88	64.00	27.95
Centrifugal sugar	-79.17	374.72	118.14	-84.12
Pineapple, fresh	-15.97	96.58	-11.03	-13.84
Mango, fresh	-32.45	-13.58	84.56	-15.11
Coconut (matured)	342.55	1,208.30	-92.32	90.31
Onion, fresh	-57.05	-8.18	45.28	-53.55
Mongo Beans	-99.65	7,557.48	724.74	-92.39
Coffee, Robusta	-	-	-	-
Cocoa Beans	32.41	31.87	22.19	-14.80
Leaf Tobacco, Virginia type	-31.72	-38.97	35.41	12.62
Garlic, fresh	-	-	-	-50.46
Sweet Potato	2.75	12.02	18.24	22.88
Cassava, fresh	-66.21	-4.07	22.56	10.29
Tomato	-	-	-	-
Cabbage, fresh	-	-	-	61.32
Papaya, fresh	-52.34	-13.50	48.40	39.34
Watermelon, fresh	5.45	-58.61	4.18	92.71
Calamansi, fresh	-22.39	17.31	78.29	10.53
All Agricultural Exports	-19.60	7.39	32.25	-2.85

- no exports

Source of basic data: Philippine Statistics Authority

Table 2b
Growth rates of volume of selected agricultural exports,
Philippines, 2014-2018

(in percent)

COMMODITY	2014-2015	2015-2016	2016-2017	2017-2018
Grains				
Rice	-79.58	19.94	22.30	-4.06
Corn	-31.45	-29.48	71.66	-43.94
Other crops				
Banana, fresh	-50.56	-3.42	64.70	9.47
Centrifugal sugar	-81.26	369.05	142.48	-85.81
Pineapple, fresh	-35.21	89.77	-17.53	-20.70
Mango, fresh	-38.51	10.49	12.36	-15.85
Coconut (matured)	1,125.41	332.78	-98.20	-17.62
Onion, fresh	-65.72	-34.81	29.14	-67.54
Mungo Beans	-99.73	2,016.30	655.37	-89.22
Coffee, Robusta	-	-	-	-
Cocoa Beans	1.92	23.79	38.59	-11.69
Leaf Tobacco, Virginia type	-39.19	-38.56	68.99	-16.88
Garlic, fresh	-	-	-	-50.00
Sweet Potato	21.66	-7.75	8.62	15.23
Cassava, fresh	-62.37	-2.30	6.23	33.04
Tomato	-	-	-	-
Cabbage	-	-	-	85.19
Papaya, fresh	-64.09	-13.43	41.98	58.78
Watermelon, fresh	62.80	-72.98	-85.84	7.30
Calamansi, fresh	-4.07	24.68	29.49	-14.36

- no exports

Source of basic data: Philippine Statistics Authority

Table 3
Volume, value and percentage share of selected commodities in total agricultural imports,
Philippines, 2014-2018

COMMODITY	2014			2015			2016		
	VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE	
		PhP ('000)	% Share		PhP ('000)	% Share		PhP ('000)	% Share
Grains									
Rice	1,089,140.6	20,140,416.2	4.711	1,481,502.5	28,013,134.6	5.615	609,363.6	13,242,850.7	2.228
Corn	575,138.7	9,100,989.4	2.129	712,423.7	8,995,823.2	1.803	806,118.6	10,077,247.9	1.695
Other crops									
Onion, fresh	9,047.0	71,717.6	0.017	36,246.7	288,114.7	0.058	135,295.6	1,056,588.6	0.178
Mongo Beans	28,903.6	901,172.9	0.211	31,240.4	998,627.4	0.200	31,232.4	993,694.2	0.167
Coffee, Roasted	1,215.6	209,093.8	0.049	1,974.6	321,717.1	0.064	1,686.2	304,474.4	0.051
Cocoa Beans	513.1	74,951.0	0.018	265.0	41,046.8	0.008	571.9	96,424.7	0.016
Leaf Tobacco, Virginia type	15,079.4	3,014,307.1	0.705	24,671.4	4,844,779.6	0.971	14,974.1	3,193,567.1	0.537
Garlic, fresh	29,659.6	402,849.5	0.094	70,392.8	889,869.2	0.178	58,983.3	752,753.9	0.127
Cassava, fresh	10,438.8	160,959.2	0.038	-	-	-	8.6	256.4	0.000
Tomato, fresh	10.5	581.7	0.000	64.5	1,859.1	0.000	-	-	-
Cabbage, fresh	-	-	-	-	-	-	0.6	13.1	0.000
Pineapple, fresh	-	-	-	-	-	-	67.8	2,616.0	0.000
Potato, fresh	6,666.1	109,525.9	0.026	20,026.9	339,620.2	0.068	20,246.5	422,268.6	0.071
Cauliflower & headed broccoli	27.1	1,942.5	0.000	17.7	781.0	0.000	43.6	3,024.7	0.001
Carrots, fresh	12.1	140.9	0.000	0.4	20.7	0.000	2.2	428.4	0.000
All Agricultural Imports		427,483,055			498,919,441			594,494,692	

Table 3
Volume, value and percentage share ... (Concluded)

COMMODITY	2017			2018		
	VOLUME (ln MT)	VALUE		VOLUME (ln MT)	VALUE	
		PhP ('000)	% Share		PhP ('000)	% Share
Grains						
Rice	963,377.0	18,029,117.7	3.041	2,006,348.6	45,786,672.4	6.166
Corn	475,244.0	6,509,394.5	1.098	1,016,746.9	15,723,649.6	2.117
Other crops						
Onion, fresh	34,084.0	309,893.4	0.052	108,080.7	1,171,851.7	0.158
Mongo Beans	36,474.8	1,264,971.3	0.213	38,230.7	1,537,322.2	0.207
Coffee, Roasted	1,353.9	381,409.3	0.064	1,482.4	493,568.7	0.066
Cocoa Beans	692.0	85,496.8	0.014	754.3	105,577.9	0.014
Leaf Tobacco, Virginia type	14,620.9	4,106,670.4	0.693	20,289.1	5,432,393.1	0.732
Garlic, fresh	68,163.8	906,208.8	0.153	76,287.2	1,117,305.7	0.150
Cassava, fresh	-	-	-	-	-	-
Tomato, fresh	0.0	2.6	0.000	-	-	-
Cabbage, fresh	-	-	-	-	-	-
Pineapple, fresh	4.1	1,627.8	0.000	-	-	-
Potato, fresh	20,262.4	450,471.8	0.076	23,355.0	558,789.2	0.075
Cauliflower & headed broccoli	176.5	10,816.7	0.002	232.5	13,112.6	0.002
Carrots, fresh	6.8	810.2	0.000	15.5	785.8	0.000
All Agricultural Imports		592,827,497			742,598,600	

- no imports

Source of basic data: Philippine Statistics Authority

Table 3a
Growth rates of value of selected agricultural imports,
Philippines, 2014-2018

(in percent)

COMMODITY	2014-2015	2015-2016	2016-2017	2017-2018
Grains				
Rice	39.09	-52.73	36.14	153.96
Corn	-1.16	12.02	-35.41	141.55
Other crops				
Onion, fresh	301.73	266.72	-70.67	278.15
Mongo Beans	10.81	-0.49	27.30	21.53
Coffee, Roasted	53.86	-5.36	25.27	29.41
Cocoa Beans	-45.24	134.91	-11.33	23.49
Leaf Tobacco, Virginia type	60.73	-34.08	28.59	32.28
Garlic, fresh	120.89	-15.41	20.39	23.29
Cassava, fresh	-	-	-	-
Tomato, fresh	219.61	-	-	-
Cabbage, fresh	-	-	-	-
Pineapple, fresh	-	-	-37.78	-
Potato, fresh	210.08	24.34	6.68	24.05
Cauliflower & headed broccoli	-59.79	287.29	257.62	21.23
Carrots, fresh	-85.27	1,964.82	89.12	-3.01
All Agricultural Imports	16.71	19.16	-0.28	25.26

- no imports

Source of basic data: Philippine Statistics Authority

Table 3b
Growth rates of volume of selected agricultural imports,
Philippines, 2014-2018

(in percent)

COMMODITY	2014-2015	2015-2016	2016-2017	2017-2018
Grains				
Rice	36.02	-58.87	58.10	108.26
Corn	23.87	13.15	-41.05	113.94
Other crops				
Onion, fresh	300.65	273.26	-74.81	217.10
Mongo Beans	8.08	-0.03	16.79	4.81
Coffee, Roasted	62.44	-14.61	-19.71	9.49
Cocoa Beans	-48.34	115.78	20.99	9.01
Leaf Tobacco, Virginia type	63.61	-39.31	-2.36	38.77
Garlic, fresh	137.34	-16.21	15.56	11.92
Cassava, fresh	-	-	-	-
Tomato, fresh	515.29	-	-	-
Cabbage, fresh	-	-	-	-
Pineapple, fresh	-	-	-94.02	-
Potato, fresh	200.43	1.10	0.08	15.26
Cauliflower & headed broccoli	-34.57	145.86	304.97	31.71
Carrots, fresh	-96.46	422.72	201.28	129.59

- no imports

Source: Philippine Statistics Authority

MODULES OF THE AGRICULTURAL INDICATORS SYSTEM

1. Economic Growth: Agriculture
2. Agricultural Structure and Resources
3. Output and Productivity
- 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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