

AGRICULTURAL INDICATORS SYSTEM (AIS)

AGRICULTURAL EXPORTS AND IMPORTS

REPORT No. 2016-7



REPUBLIC OF THE PHILIPPINES

PHILIPPINE STATISTICS AUTHORITY

SOLID • RESPONSIVE • WORLD-CLASS

TERMS OF USE

Agricultural Indicators System (AIS) is a publication of the Philippine Statistics Authority. The PSA reserves exclusive right to reproduce this publication in whatever form. Should any portion of this publication be included in a report/article, the title of the publication and the PSA should be cited as the source of the data. The PSA will not be responsible for any information derived from the processing of data contained in this publication.

ISSN-2012-0435

OCTOBER 2016

FOREWORD

The Agricultural Indicators System (AIS) is one of the statistical indicator frameworks maintained by the Philippine Statistics Authority (PSA). AIS contains twelve (12) modules which are updated and released annually. This is the seventh module entitled Agricultural Exports and Imports. It provides information on trade performance of selected major agricultural commodities. The reference years are 2011 to 2015.

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.

Lisa Grace S. Bersales

LISA GRACE S. BERSALES, Ph.D.

National Statistician and Civil Registrar General

Quezon City, Philippines
October 2016

TABLE OF CONTENTS

FOREWORD		i
LIST OF TABLES		iii
AGRICULTURAL EXPORTS AND IMPORTS		
Table 1.	Quantity, value and percentage share of selected commodities in total agricultural exports, Philippines, 2011-2015	4
Table 1a.	Growth rates of value of selected agricultural exports, Philippines, 2011-2015	6
Table 1b.	Growth rates of quantity of selected agricultural exports, Philippines, 2011-2015	7
Table 2.	Quantity, value and percentage share of selected commodities in total agricultural imports, Philippines, 2011-2015	8
Table 2a.	Growth rates of value of selected agricultural imports, Philippines, 2011-2015	10
Table 2b.	Growth rates of quantity of selected agricultural imports, Philippines, 2011-2015	11
Table 3.	Share of agriculture in total foreign trade, Philippines, 2011-2015	12
Table 4.	Share of selected Philippine agricultural export commodities in world export trade, 2011-2013	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 exports and imports of agricultural commodities. It also accounts for 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 agricultural exports in 2015 amounted to US\$ 5.13 billion. This was lower by 21.6 percent from the previous year record of US\$ 6.54 billion. Specifically, rice exports valued at US\$ 0.80 million in 2015 declined by 75.3 percent. Likewise, the corresponding volume of exports was reduced to 220 metric tons by 79.6 percent. Corn exports recorded an increase of 78.8 percent in its value at US\$ 4.80 million while volume dropped by 31.4 percent to 492.0 metric tons in 2015. The revenues generated from the exportation of rice and corn were minimal as they shared less than 0.1 percent each in the total value of agricultural exports.

In 2015, fresh banana exports at 1.80 million metric tons contracted by 50.6 percent. Its value at US\$ 657.87 million dropped by 41.8 percent. Hence, the share of fresh banana exports in the total value of agricultural exports slid to 12.8 percent. Exports of centrifugal sugar were also reduced to 38,750 metric tons valued at US\$ 21.77 million. It recorded a drop of 81.3 percent in volume and 79.7 percent in value. The share of centrifugal sugar went down to 0.4 percent. The volume of fresh pineapple exports at 315,829 metric tons declined by 35.2 percent and value at US\$ 126.17 million decreased by 18.0 percent. Fresh pineapple exports contributed an increased share of 2.5 percent to the total agricultural exports earnings. Exportation of fresh mango at 12,981 metric tons amounted to US\$ 16.09 million. Correspondingly, these were down by 38.5 percent and 34.1 percent. About 0.3 percent was shared by fresh mango exports in the earnings from agricultural exports. For Virginia tobacco, the volume of export was reduced to 8,654 metric tons or by 39.2 percent. Export revenue from Virginia tobacco dropped by 33.4 percent to US\$ 32.30 million accounting for 0.6 percent to total value of agricultural exports.

Most of the other agricultural commodities reported less than 0.1 percent share to the country's export earnings from agricultural products. Declining volume and value of exports were reported in onion, mongo beans, cassava, papaya and calamansi. Meanwhile, increasing exportation both in volume and value were noted for coconut, cocoa beans, sweet potato and watermelon (Tables 1, 1a and 1b).

Agricultural Imports

The 2015 total imports for agricultural products valued at US\$ 10.97 billion went up by about 13.9 percent from the 2014 record of US\$ 9.63 billion. Importation of rice in 2015 at 1.48 million metric tons was valued at US\$ 615.70 million. Both volume and value were growing by 36.0 percent. Its share to the total value of agricultural imports increased to 5.6 percent in 2015. The volume of corn imports at 0.71 million metric tons expanded by 23.9 percent while its respective value at US\$ 197.72 million slightly declined by 3.6 percent. This pulled down its share to 1.8 percent in the country's expenditure for agricultural imports.

There was an increased importation of Virginia tobacco in 2015. The volume of imports at 24,671 metric tons indicated a 63.6 increment and the value amounting to US\$ 106.48 million was higher by 56.8 percent from the previous year's record. This pushed up the share of tobacco imports to 1.0 percent of the total value of agricultural imports.

An 8.1 percent expansion was noted each in the import volume of mongo beans at 31,240 metric tons and value at US\$ 21.95 million. Mongo beans imports comprised only 0.2 percent in the total expenditures for agricultural imports. Bigger quantity of fresh garlic at 70,393 metric tons was imported in 2015 which was 137.3 percent more than the 2014 volume. Payments for fresh garlic imports surged to US\$ 19.56 million by 115.5 percent. It shared nearly 0.2 percent to the country's agricultural import expenditures.

A share of less than 0.1 percent each was noted for onion, coffee roasted, cocoa beans, garlic, tomato, potato, cauliflower and carrots. A remarkable expansion both in volume and value were registered in onion, tomato and potato by more than 200 percent. Downtrends were exhibited by cocoa beans, cauliflower and carrots (Tables 2, 2a and 2b).

Agriculture in Total Foreign Trade and in World Export

In 2015, the contribution of agricultural products to the country's total exports continued to decline to 8.72 percent. On the other hand, its share to total imports was increasing and in 2015, it was up to 15.43 percent (Table 3).

In the world export market, the Philippines continued to supply bigger volume of coconut products. In 2013, the share of coconut oil in the world export significantly increased to 49.0 percent. Similar trend was observed for copra cake whose share leaped to 73.1 percent. An increased share of 28.2 percent was noted for dessicated coconut. Similarly, the shares of other commodities were going up to 16.3 percent for banana, 1.3 percent for centrifugal sugar and 1.2 percent for unmanufactured tobacco. On the other hand, the contribution of canned pineapple exports went down to 17.2 percent in 2013. The country's exports of copra and onion comprised less than one percent in the world exports (Table 4).

Table 1
Quantity, value and percentage share of selected commodities in total agricultural exports,
Philippines, 2011-2015

COMMODITY	2011			2012			2013		
	QTY. (In MT)	VALUE		QTY. (In MT)	VALUE		QTY. (In MT)	VALUE	
		US\$ ('000)	% Share		US\$ ('000)	% Share		US\$ ('000)	% Share
Grains									
Rice	538.4	2,162.0	0.040	298.1	1,267.7	0.025	2,664.1	5388.5	0.084
Corn	12.4	43.4	0.001	21.3	89.5	0.002	310.8	1,191.0	0.019
Other crops									
Banana	2,055,510.4	472,377.3	8.697	2,646,117.6	646,657.1	12.836	3,266,547.6	962,575.3	15.040
Centrifugal sugar	578,737.5	351,451.2	6.470	201,930.5	108,796.9	2.160	471,268.6	272,884.6	4.264
Pineapple, fresh	263,271.8	65,844.6	1.212	397,018.0	99,665.6	1.978	489,742.9	152,495.9	2.383
Mango, fresh	21,150.9	16,721.4	0.308	18,440.1	15,239.9	0.303	7,886.0	13,296.9	0.208
Coconut (matured)	748.5	345.1	0.006	134.2	48.4	0.001	470.8	208.6	0.003
Onion, fresh	14,009.5	6,539.9	0.120	5,823.5	2,641.9	0.052	3,570.7	1,565.4	0.024
Mongo Beans	275.1	399.6	0.007	77.4	75.2	0.001	27.8	12.1	0.000
Coffee, Robusta	0.1	1.2	0.000	1.8	14.2	0.000	-	-	-
Cocoa Beans	123.8	356.5	0.007	298.1	639.4	0.013	498.1	1,078.1	0.017
Leaf Tobacco,	13,638.6	43,248.5	0.796	4,893.8	32,871.6	0.652	12,129.6	36,226.3	0.566
Virginia type	-	-	-	-	-	-	-	-	-
Garlic, fresh	3.9	5.8	0.000	5.3	7.0	0.000	16.3	12.2	0.000
Sweet Potato	1,098.3	1,557.2	0.029	582.8	966.3	0.019	1,031.0	1,593.4	0.025
Cassava, fresh	4.0	1.5	0.000	-	-	-	-	-	-
Cabbage	2,950.8	3,307.7	0.061	3,065.5	3,695.6	0.073	5,924.8	6,132.5	0.096
Papaya, fresh	666.2	91.1	0.002	1,293.1	176.5	0.004	85.4	27.0	0.000
Watermelon, fresh	27.9	38.4	0.001	35.3	36.0	0.001	29.4	30.5	0.000
Calamansi, fresh									
All Agricultural Exports		5,431,758			5,037,937			6,400,031	

- no exports

Source: PSA

Table 1
 Quantity, value and percentage share ... (Continued)

COMMODITY	2014			2015		
	QTY. (In MT)	VALUE		QTY. (In MT)	VALUE	
		US\$ ('000)	% Share		US\$ ('000)	% Share
Grains						
Rice	1,075.3	3,237.0	0.049	219.5	800.3	0.016
Corn	717.7	2,684.3	0.041	492.0	4,798.2	0.093
Other crops						
Banana	3,630,976.3	1,129,890.9	17.269	1,795,219.2	657,870.1	12.819
Centrifugal sugar	206,825.0	107,136.1	1.637	38,750.2	21,774.3	0.424
Pineapple, fresh	487,492.4	153,907.7	2.352	315,829.0	126,170.6	2.459
Mango, fresh	21,111.5	24,410.2	0.373	12,981.3	16,085.7	0.313
Coconut (matured)	36.0	20.0	0.000	441.1	86.3	0.002
Onion, fresh	2,690.9	1,452.8	0.022	922.3	608.7	0.012
Mongo Beans	50.1	36.2	0.001	0.1	0.1	0.000
Coffee, Robusta	-	-	-	0.1	1.2	0.000
Cocoa Beans	1,769.7	4,459.6	0.068	1,803.7	5,760.6	0.112
Leaf Tobacco,	14,231.4	48,482.9	0.741	8,653.6	32,295.2	0.629
Virginia type						
Garlic, fresh	1.7	3.5	0.000	-	-	-
Sweet Potato	21.2	31.9	0.000	25.8	32.0	0.001
Cassava, fresh	1,743.5	2,285.0	0.035	656.1	753.2	0.015
Cabbage	-	-	-	-	-	-
Papaya, fresh	5,108.4	4,797.0	0.073	1,834.4	2,230.2	0.043
Watermelon, fresh	168.8	38.3	0.001	274.9	39.4	0.001
Calamansi, fresh	44.8	43.6	0.001	43.0	33.0	0.001
All Agricultural Exports		6,542,946			5,131,853	

- no exports

Source: PSA

Table 1a.
Growth rates of value of selected agricultural exports,
Philippines, 2011-2015
(in percent)

COMMODITY	2011-2012	2012-2013	2013-2014	2014-2015
Grains				
Rice	-41.4	325.1	-39.9	-75.3
Corn	106.1	1,231.4	125.4	78.8
Other crops				
Banana	36.9	48.9	17.4	-41.8
Centrifugal sugar	-69.0	150.8	-60.7	-79.7
Pineapple, fresh	51.4	53.0	0.9	-18.0
Mango, fresh	-8.9	-12.7	83.6	-34.1
Coconut (matured)	-86.0	331.1	-90.4	331.7
Onion, fresh	-59.6	-40.7	-7.2	-58.1
Mongo Beans	-81.2	-83.9	199.0	-99.7
Coffee, Robusta	1,038.3	-	-	-
Cocoa Beans	79.4	68.6	313.6	29.2
Leaf Tobacco, Virginia type	-24.0	10.2	33.8	-33.4
Garlic, fresh	-	-	-	-
Sweet Potato	20.3	75.5	160.3	0.2
Cassava, fresh	-37.9	64.9	43.4	-67.0
Cabbage	-	-	-	-
Papaya, fresh	11.7	65.9	-21.8	-53.5
Watermelon, fresh	93.8	-84.7	41.9	2.9
Calamansi, fresh	-6.3	-15.3	42.9	-24.3
All Agricultural Exports	-7.3	27.0	2.2	-21.6

- no exports

Source: PSA

Table 1b.
Growth rates of quantity of selected agricultural exports,
Philippines, 2011-2015
 (in percent)

COMMODITY	2011-2012	2012-2013	2013-2014	2014-2015
Grains				
Rice	-44.6	793.7	-59.6	-79.6
Corn	72.0	1,360.3	130.9	-31.4
Other crops				
Banana	28.7	23.4	11.2	-50.6
Centrifugal sugar	-65.1	133.4	-56.1	-81.3
Pineapple, fresh	50.8	23.4	-0.5	-35.2
Mango, fresh	-12.8	-57.2	167.7	-38.5
Coconut (matured)	-82.1	250.9	-92.4	1,125.4
Onion, fresh	-58.4	-38.7	-24.6	-65.7
Mongo Beans	-71.9	-64.1	80.3	-99.7
Coffee, Robusta	1,649.5	-	-	-
Cocoa Beans	140.8	67.1	255.3	1.9
Leaf Tobacco, Virginia type	-64.1	147.9	17.3	-39.2
Garlic, fresh	-	-	-	-
Sweet Potato	35.2	209.1	30.0	21.7
Cassava, fresh	-46.9	76.9	69.1	-62.4
Cabbage	-	-	-	-
Papaya, fresh	3.9	93.3	-13.8	-64.1
Watermelon, fresh	94.1	-93.4	97.7	62.8
Calamansi, fresh	26.8	-16.9	52.7	-4.1

- no exports

Source: PSA

Table 2
Quantity, value and percentage share of selected commodities in total agricultural imports,
Philippines, 2011-2015

COMMODITY	2011			2012			2013		
	QTY. (In MT)	VALUE		QTY. (In MT)	VALUE		QTY. (In MT)	VALUE	
		US\$ ('000)	% Share		US\$ ('000)	% Share		US\$ ('000)	% Share
Grains									
Rice	707,668.4	383,150.9	4.887	1,042,143.6	438,084.6	5.363	399,076.6	172,313.2	2.173
Corn	66,193.1	48,016.9	0.612	136,574.6	88,518.4	1.084	341,604.6	138,519.1	1.747
Other crops									
Onion, fresh	4,977.5	731.6	0.009	18,442.7	2,281.2	0.028	8,507.9	1,142.2	0.014
Mongo Beans	26,885.6	15,485.0	0.198	32,794.6	16,246.4	0.199	33,910.1	22,999.4	0.290
Coffee, Roasted	302.7	776.0	0.010	754.5	2,128.7	0.026	474.0	1,461.3	0.018
Cocoa Beans	302.4	1,071.7	0.014	147.7	371.4	0.005	218.2	583.9	0.007
Leaf Tobacco, Virginia type	19,757.7	53,297.9	0.680	26,847.5	74,485.8	0.912	28,712.3	86,577.6	1.092
Garlic, fresh	7,850.4	1,433.5	0.018	5,961.5	982.4	0.012	2,532.2	450.8	0.006
Cassava, fresh	12,706.0	5,177.5	0.066	78.1	21.9	0.000	15,877.5	5,553.0	0.070
Tomato, fresh	950.3	513.0	0.007	11.8	4.3	0.000	0.3	0.3	0.000
Potato, fresh	8,176.1	3,047.9	0.039	6,299.3	2,182.9	0.027	4,362.3	1,276.3	0.016
Cauliflower & headed broccoli	123.0	126.4	0.002	112.7	203.2	0.002	24.1	48.7	0.001
Carrots, fresh	49.5	28.2	0.000	10.4	10.4	0.000	25.4	16.6	0.000
All Agricultural Imports		7,839,929			8,168,329			7,931,142	

Source: PSA

Table 2
 Quantity, value and percentage share ... (Continued)

COMMODITY	2014			2015		
	QTY. (In MT)	VALUE		QTY. (In MT)	VALUE	
		US\$ ('000)	% Share		US\$ ('000)	% Share
Grains						
Rice	1,089,140.6	453,765.7	4.711	1,481,502.5	615,700.9	5.615
Corn	575,138.7	205,046.2	2.129	712,423.7	197,719.3	1.803
Other crops						
Onion, fresh	9,047.0	1,615.8	0.017	36,246.7	6,332.5	0.058
Mongo Beans	28,903.6	20,303.5	0.211	31,240.4	21,948.8	0.200
Coffee, Roasted	1,215.6	4,710.9	0.049	1,974.6	7,071.0	0.064
Cocoa Beans	513.1	1,688.7	0.018	265.0	902.2	0.008
Leaf Tobacco,	15,079.4	67,912.7	0.705	24,671.4	106,483.5	0.971
Virginia type						
Garlic, fresh	29,659.6	9,076.2	0.094	70,392.8	19,558.4	0.178
Cassava, fresh	10,438.8	3,626.4	0.038	-	-	-
Tomato, fresh	10.5	13.1	0.000	64.5	40.9	0.000
Potato, fresh	6,666.1	2,467.6	0.026	20,026.9	7,464.5	0.068
Cauliflower & headed broccoli	27.1	43.8	0.000	17.7	17.2	0.000
Carrots, fresh	12.1	3.2	0.000	0.4	0.5	0.000
All Agricultural Imports		9,631,238			10,965,755	

- no imports

Source: PSA

Table 2a.
Growth rates of value of selected agricultural imports,
Philippines, 2011-2015
(in percent)

COMMODITY	2011-2012	2012-2013	2013-2014	2014-2015
Grains				
Rice	14.3	-60.7	163.3	35.7
Corn	84.3	56.5	48.0	-3.6
Other crops				
Onion, fresh	211.8	-49.9	41.5	291.9
Mungo Beans	4.9	41.6	-11.7	8.1
Coffee, Roasted	174.3	-31.4	222.4	50.1
Cocoa Beans	-65.3	57.2	189.2	-46.6
Leaf Tobacco, Virginia type	39.8	16.2	-21.6	56.8
Garlic, fresh	-31.5	-54.1	1,913.5	115.5
Cassava, fresh	-99.6	25,270.0	-34.7	-
Tomato, fresh	-99.2	-92.0	3,687.6	211.8
Potato, fresh	-28.4	-41.5	93.3	202.5
Cauliflower	60.8	-76.0	-10.1	-60.8
Carrots, fresh	-63.2	60.6	-80.9	-85.6
All Agricultural Imports	4.2	-2.9	21.4	13.9

- no imports

Source: PSA

Table 2b
Growth rates of quantity of selected agricultural imports,
Philippines, 2011-2015
 (in percent)

COMMODITY	2011-2012	2012-2013	2013-2014	2014-2015
Grains				
Rice	47.3	-61.7	172.9	36.0
Corn	106.3	150.1	68.4	23.9
Other crops				
Onion, fresh	270.5	-53.9	6.3	300.6
Mungo Beans	22.0	3.4	-14.8	8.1
Coffee, Roasted	149.2	-37.2	156.4	62.4
Cocoa Beans	-51.1	47.7	135.1	-48.3
Leaf Tobacco, Virginia type	35.9	6.9	-47.5	63.6
Garlic, fresh	-24.1	-57.5	1,071.3	137.3
Cassava, fresh	-99.4	20,223.2	-34.3	-
Tomato, fresh	-98.8	-97.3	3,251.1	515.3
Potato, fresh	-23.0	-30.7	52.8	200.4
Cauliflower	-8.4	-78.6	12.5	-34.6
Carrots, fresh	-79.0	144.5	-52.3	-96.5

- no imports

Source: PSA

Table 3
Share of agriculture in total foreign trade (in terms of value),
Philippines, 2011-2015
(in percent)

YEAR	EXPORTS	IMPORTS
2011	11.24	12.96
2012	9.67	13.15
2013	11.29	12.71
2014	10.54	14.73
2015	8.72	15.43
Average	10.29	13.80

Source: PSA

Table 4
Share of selected Philippine agricultural export
commodities in world export trade, 2011-2013
(in percent)

COMMODITY	2011	2012	2013
Coconut Oil	43.10	39.52	48.98
Copra Cake or Meal	57.96	51.41	73.14
Dessicated Coconut	33.49	22.26	28.19
Pineapple (canned)	16.63	20.06	17.23
Banana	10.93	13.86	16.26
Sugar (raw,centrifugal)	1.72	0.58	1.27
Copra	0.20	0.36	0.32
Onion, dry	0.21	0.09	0.05
Tobacco, unmanufactured	1.82	0.58	1.22

Source of basic data: Food and Agriculture Organization

MODULES OF THE AGRICULTURAL INDICATORS SYSTEM

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

PHILIPPINE STATISTICS AUTHORITY
16th Floor. ETON Cyberpod Centris 3
EDSA. Corner Quezon Avenue,
Quezon City

www.psa.gov.ph