



مركز الإحصاء
STATISTICS CENTRE



Agricultural Producers

Price Index

May 2016

(for the prices of vegetable crops)

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Introduction

Prices are important economic indicators in all countries regardless of their economic and social systems. They affect the national economy in various ways, such as domestic and foreign commercial transactions, distribution of economic resources among different sectors, setting long-term policies and analyzing the current economic situation. Prices play an essential role in identifying the patterns and trends of foreign trade. Both developing and developed countries use prices and their trends over time as in setting up an economic distribution for its various investments.

Agricultural price data directly influence the decisions of agricultural investors and therefore represent a significant determinant in the economic and social life of farmers due to its effect on several economic activities. Prices directly affect farmers' income and living standards. Data on agricultural prices helps provide the appropriate indicators that maintain the balance between production cost and selling price down the supply chain ending with consumers, thereby protecting both producers and consumers. Agricultural prices are useful to farmers in planning and developing their production, which helps to maximize their income and avoid potential loss.

In this regard, Statistics Centre – Abu Dhabi (SCAD) in cooperation with the Farmers Service Center (FSC) has regularly published the Agricultural Producer Price Index by collecting data on yield volumes. The index disseminated by SCAD compiled in accordance with the standard international methodologies.

Key Points

This report provides an analysis of the results of APPI (Vegetable Crops) for the month of May 2016 with the base year 2014. The main findings of this analysis outlined below:

- The Agricultural Producer Price Index stood at 111.7 points in the May of 2016.
- The Agricultural Producer Price Index for vegetable crops Decreased by 1.4% to 111.7 points in the May 2016, from 113.3 points in the May of 2015. The largest contributors to the Decreased in the APPI were Potato (26.5%), Onion (18.2%), Marrow (14.1%), and Beans (9.7%).
- The Agricultural Producer Price Index for vegetable crops increased by 3.6% to 111.7 points in the May 2016, from 107.8 points in the April of 2016. The largest contributors to the increases in the APPI were Pumpkin (57.3%), Marrow (36.7%), and Potato (25.7%).

Agricultural Producer Price Index for May 2016 (2014=100)

1. APPI for May 2016 compared with May 2015 for vegetables crops

The APPI for vegetable crops dropped by 1.4% to 111.7 points in May 2016 down from 113.3 points in May 2015. The fall reflects the net outcome of yearly upward and downward changes in the prices of vegetables during May 2016.

Agricultural Producers Price Index by Type of Crop for May 2016 and May 2015.

Crop	May-15	May-16
All Products	113.3	111.7
Potato	92.2	67.7
Cabbage	115.6	116.2
Hot Pepper	146.1	135.1
Sweet Pepper	125.4	117.0
Marrow	121.6	104.4
Eggplant	127.6	132.1
Cucumber	103.9	127.7
Tomato	112.2	110.5
Watermelon	104.8	-
Sweet Melons	123.1	-
Lettuce	111.3	113.6
Onion	127.5	104.3
Parsley	134.0	-
Beans	129.3	116.7
Beet	108.6	-
Carrot	107.7	-
Cauliflower	-	154.4
Pumpkin	120.6	185.4
Coriander	121.1	-
Mallow	127.3	-
Okra	121.1	147.0
Corn	103.0	100.6
Garden Rocket	-	116.1

Source: Statistics Centre - Abu Dhabi

The largest contributors to the Decreased in the APPI in May 2016 were: Potato (26.5%), Onion (18.2%), Marrow (14.1%), Beans (9.7%), Hot Pepper (7.5%), Sweet Pepper (6.7%), Corn (2.3%) and Tomato (1.5%), with an overall relative importance of 56%.

Relative Importance and Percentage Change in the APPI for Vegetables that Fell Price in the Month of May 2016 (compared with the May 2015).

Crop	Relative importance (%)	Percentage fall in price (%)
Potato	7.77	26.5-
Onion	9.54	18.2-
Marrow	0.93	14.1-
Beans	0.01	9.7-
Hot Pepper	6.07	7.5-
Sweet Pepper	8.04	6.7-
Corn	1.00	2.3-
Tomato	23.09	1.5-

Source: Statistics Centre - Abu Dhabi

On the other hand the APPI sub-indices increased for a number of vegetable crops, including Pumpkin, Cucumber, Okra, Eggplant, Lettuce, and Cabbage by 53.7%, 22.9%, 21.4%, 3.5%, 2.1% and 0.5% respectively, with the price falls having a combined relative importance of 44%.

Relative Importance and Percentage change in the APPI for vegetables that should Price Rises on the Month of May of 2016 (compared with the May of 2015).

Crop	Relative Importance (%)	Percentage fall in price (%)
Pumpkin	0.56	53.7
Cucumber	35.34	22.9
Okra	0.08	21.4
Eggplant	1.96	3.5
Lettuce	0.09	2.1
Cabbage	5.54	0.5

Source: Statistics Centre - Abu Dhabi

2. APPI of May 2016 compared with the APPI of April 2016 for vegetables crops

The APPI for vegetable crops increased by 3.6% during the May of 2016 compared with the April of 2016.

Agricultural Producers Price Index for the Months of May 2016 and April 2016.

Crop	April-16	May-16
All Products	107.8	111.7
Potato	53.9	67.7
Cabbage	159.1	116.2
Hot Pepper	147.6	135.1
Sweet Pepper	132.8	117.0
Marrow	76.4	104.4
Eggplant	-	132.1
Cucumber	-	127.7
Tomato	91.5	110.5
Lettuce	-	113.6
Onion	-	104.3
Beans	124.9	116.7
Carrot	87.8	-
Cauliflower	146.0	154.4
Pumpkin	117.9	185.4
Okra	163.6	147.0
Corn	114.0	100.6
Garden Rocket	-	116.1

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increase in the APPI sub-indices were recorded for Pumpkin (57.3%), Marrow (36.7%), Potato (25.7%), Tomato (20.8%), and Cauliflower (5.7%), with an overall relative importance of 61%.

Relative Importance and Percentage Change in the APPI for Vegetables that Showed Price increases in May of 2016 (compared with April of 2016).

Crop	Relative Importance (%)	Percentage rise in price (%)
Pumpkin	1.05	57.3
Marrow	1.74	36.7
Potato	14.62	25.7
Tomato	43.42	20.8
Cauliflower	0.17	5.7

Source: Statistics Centre - Abu Dhabi

By contrast, the sub-index Prices decreased for some crops, including: Cabbage, Sweet Pepper, Corn, Okra, Hot Pepper and Beans by 27.0%, 11.8%, 11.7%, 10.2%, 8.5% and 6.5% respectively. The overall relative importance of the price increases was 39%.

Relative Importance and Percentage Change in the APPI for Vegetables that Showed Prices decreased during May of 2016 (compared with April of 2016).

Crop	Relative Importance (%)	Percentage fall in price (%)
Cabbage	10.42	27.0-
Sweet Pepper	15.13	11.8-
Corn	1.88	11.7-
Okra	0.15	10.2-
Hot Pepper	11.41	8.5-
Beans	0.02	6.5-

Source: Statistics Centre - Abu Dhabi

Explanatory Notes

Methodology:

The APPI adopts 2014 prices as the base for prices and weights. The used weights are derived from the price data of vegetables to the Month of May of 2016.

Data source:

The APPI is produced using the price data of agricultural products (vegetables) which provide by Abu Dhabi Farmers Services Centre.

APPI Compilation:

The APPI is compiled using the Laspeyres method that adopts the base year prices.

Note on Tables

Some figures have been rounded to the nearest final digit shown. Consequently, discrepancies may exist within a table.

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