



مركز الإحصاء
STATISTICS CENTRE



Agricultural Producers

Price Index

March 2016

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Introduction

Prices are important economic indicators in all countries regardless of their economic and social systems. They impact 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 is 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 March 2016 with the base year 2014. The main findings of this analysis are outlined below:

- The Agricultural Producer Price Index stood at 106.0 points in the March of 2016.
- The Agricultural Producer Price Index for vegetable crops increased by 2.4% to 106.0 points in the March 2016, from 103.5 points in the March of 2015. The largest contributors to the increases in the APPI were: Okra (36.2%), Eggplant (25.5%), Tomato (25.3%), and Cabbage (21.5%).
- The Agricultural Producer Price Index for vegetable crops increased by 3.4% to 106.0 points in the March 2016, from 102.5 points in the February of 2016. The largest contributors to the increases in the APPI were: Broccoli (51.9%), Cucumber (26.9%), and Eggplant (25.1%).

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

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

The APPI for vegetable crops advanced by 2.4% during the March of 2016 compared with the same Month of 2015. The rise reflects the net outcome of yearly upward and downward changes in the prices of vegetables during March 2016.

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

Crop	Mar-15	Mar-16
All Products	103.5	106.0
Potato	103.2	58.1
Cabbage	136.0	165.3
Hot Pepper	94.3	100.4
Sweet Pepper	115.4	127.3
Marrow	132.4	73.2
Eggplant	128.3	160.9
Cucumber	107.7	68.5
Tomato	86.8	108.8
Parsley	147.5	-
Beans	137.6	111.6
Beet	181.5	-
Carrot	110.8	102.1
Cauliflower	144.4	98.7
Pumpkin	130.6	129.6
Coriander	142.2	-
Okra	116.5	158.7
Radish	159.2	-
Corn	131.4	117.5
Garden Rocket	144.3	-
Turnip	133.3	-
Broccoli	160.3	163.2

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increase in the APPI in March 2016 were: Okra (36.2%), Eggplant (25.5%), Tomato (25.3%), Cabbage (21.5%), Sweet Pepper (10.3%), Hot Pepper (6.5%), and Broccoli (1.8%), with an overall relative importance of 67.6%.

Relative Importance and Percentage Change in the APPI for Vegetables that Showed Price Rises the Month of March 2016 (compared with the March 2015)

Crop	Relative importance (%)	Percentage rise in price (%)
Okra	0.00	36.2
Eggplant	4.33	25.5
Tomato	44.40	25.3
Cabbage	11.66	21.5
Sweet Pepper	3.11	10.3
Hot Pepper	4.09	6.5
Broccoli	0.02	1.8

Source: Statistics Centre - Abu Dhabi

On the other hand the APPI sub-indices declined for a number of vegetable crops, including Marrow, Potato, Cucumber, Cauliflower, Beans, Corn, Carrot and Pumpkin by 44.7%, 43.7%, 36.4%, 31.6%, 18.9%, 10.6%, 7.9% and 0.7% respectively, with the price falls having a combined relative importance of 32.4%.

Relative Importance and the Rate of Decline for Vegetable Crops Whose Prices Fell the Month of March of 2016 (compared with the March of 2015).

Crop	Relative Importance (%)	Percentage fall in price (%)
Marrow	1.76	-44.7
Potato	0.72	-43.7
Cucumber	27.46	-36.4
Cauliflower	0.30	-31.6
Beans	0.24	-18.9
Corn	0.80	-10.6
Carrot	0.31	-7.9
Pumpkin	0.81	-0.7

Source: Statistics Centre - Abu Dhabi

2. APPI of March 2016 compared with the APPI of February 2016 for vegetables crops

The APPI for vegetable crops advanced by 3.4% during the March of 2016 compared with the February of 2016.

Agricultural Producers Price Index for the Months of March 2016 and February 2016.

Crop	Feb-16	Mar-16
All Products	102.5	106.0
Potato	89.2	58.1
Cabbage	169.0	165.3
Hot Pepper	99.9	100.4
Sweet Pepper	135.5	127.3
Marrow	70.5	73.2
Eggplant	128.6	160.9
Cucumber	53.9	68.5
Tomato	120.1	108.8
Watermelon	100.0	-
Sweet Melons	80.0	-
Lettuce	96.8	-
Onion	116.9	-
Parsley	139.6	-
Beans	114.0	111.6
Carrot	100.8	102.1
Cauliflower	127.7	98.7
Pumpkin	125.0	129.6
Okra	-	158.7
Corn	113.8	117.5
Broccoli	107.5	163.2

The largest contributors to the increase in the APPI sub-indices were recorded for Broccoli (51.9%), Cucumber (26.9%), Eggplant (25.1%), Marrow (3.9%), Pumpkin (3.7%), Corn (3.2%), Carrot (1.3%), and Hot Pepper (0.5%) with an overall relative importance of 39.6%.

Relative Importance and Percentage Change in the APPI for Vegetables that Showed Price Rises in March of 2016 compared with February of 2016.

Crop	Relative Importance (%)	Percentage rise in price (%)
Broccoli	0.02	51.9
Cucumber	27.46	26.9
Eggplant	4.33	25.1
Marrow	1.76	3.9
Pumpkin	0.81	3.7
Corn	0.80	3.2
Carrot	0.31	1.3
Hot Pepper	4.09	0.5

Source: Statistics Centre - Abu Dhabi

By contrast, the sub-index Prices Fell for some crops, including: Potato, Cauliflower, Tomato, Sweet Pepper, Cabbage and Beans by 34.9%, 22.7%, 9.4%, 6.1%, 2.2% and 2.1% respectively. The overall relative importance of the price increases was 60.4%.

Relative Importance and Percentage Change in the APPI for Vegetables that Showed Prices Fell during March of 2016 compared with February of 2016

Crop	Relative Importance (%)	Percentage fall in price (%)
Potato	0.72	34.9-
Cauliflower	0.30	22.7-
Tomato	44.40	9.4-
Sweet Pepper	3.11	6.1-
Cabbage	11.66	2.2-
Beans	0.24	2.1-

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 March 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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