



مركز الإحصاء  
STATISTICS CENTRE



# Agricultural Producers

## Price Index

November 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 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 Nov 2016 with the base year 2014. The main findings of this analysis are outlined below:

- The Agricultural Producer Price Index stood at 125.2 points in the Nov of 2016.
- The Agricultural Producer Price Index for vegetable crops increased by 1.9% to 125.2 points in the Nov 2016, from 122.9 points in the Nov of 2015. The largest contributors to the increased in the APPI were: Marrow (24.1%), Corn (20.3%) and Pumpkin (12.5%).
- The Agricultural Producer Price Index for vegetable crops increased by 1.6% to 125.2 points in the Nov 2016, from 123.2 points in the Oct of 2016. The largest contributors to the increased in the APPI were: Sweet Melons (76.3%), Pumpkin (75.6%) and Eggplant (30.7%).

## Agricultural Producer Price Index for Nov 2016 (2014=100)

### 1. APPI for Nov 2016 compared with Nov 2015 for vegetables crops

The APPI for vegetable crops increased by 1.9% to 125.2 points in Nov 2016 from 122.9 points in Oct 2015. The increase reflects the net outcome of yearly upward and downward changes in the prices of vegetables during Nov 2016.

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

Crop	Nov -15	Nov -16
<b>Products All</b>	<b>122.9</b>	<b>125.2</b>
Hot Pepper	97.9	104.1
Sweet Pepper	181.4	158.0
Marrow	89.9	111.6
Eggplant	187.2	152.1
Cucumber	120.8	121.7
Tomato	176.0	111.5
Watermelon	136.3	-
Sweet Melons	193.9	198.3
Lettuce	82.3	63.1
Beans	184.5	172.0
Pumpkin	116.8	131.4
Okra	188.9	131.0
Radish	-	42.4
Corn	144.1	173.4
Broccoli	122.7	-

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increased in the APPI in Nov 2016 were: Marrow (24.1%), Corn (20.3%), Pumpkin (12.5%), Hot Pepper (6.4%), Sweet Melons (2.3%) and Cucumber (0.7%), with an overall relative importance of 96%.

**Relative Importance and Percentage Change in the APPI for Vegetables that Showed Price Increases in the Month of Nov 2016** (compared with the Nov 2015).

Crop	Relative importance (%)	Percentage rise in price (%)
Marrow	10.24	24.1
Corn	1.86	20.3
Pumpkin	0.93	12.5
Hot Pepper	4.01	6.4
Sweet Melons	4.57	2.3
Cucumber	74.16	0.7

Source: Statistics Centre - Abu Dhabi

On the other hand the APPI sub-indices decreased for a number of vegetable crops, including Tomato, Okra, Lettuce, Eggplant, Sweet Pepper and Beans by 36.7%, 30.6%, 23.3%, 18.8%, 12.9% and 6.8% respectively, with the price falls having a combined relative importance of 4%.

**Relative Importance and Percentage change in the APPI for vegetables that fell Price Rises in the Month of Nov of 2016** (compared with the Nov of 2015).

Crop	Relative Importance (%)	Percentage fall in price (%)
Tomato	0.81	36.7-
Okra	0.05	30.6-
Lettuce	0.28	23.3-
Eggplant	2.24	18.8-
Sweet Pepper	0.81	12.9-
Beans	0.01	6.8-

Source: Statistics Centre - Abu Dhabi

## 2. APPI of Nov 2016 compared with the APPI of Oct 2016 for vegetables crops

The APPI for vegetable crops increased by 1.6% during the Nov of 2016 compared with the Oct of 2016.

### Agricultural Producers Price Index by Type of Crop for the Months of Oct 2016 and Nov 2016.

Crop	Oct-16	Nov-16
<b>All Products</b>	<b>123.2</b>	<b>125.2</b>
Hot Pepper	130.1	104.1
Sweet Pepper	172.4	158.0
Marrow	131.4	111.6
Eggplant	116.4	152.1
Cucumber	123.8	121.7
Tomato	105.2	111.5
Watermelon	162.8	-
Sweet Melons	112.5	198.3
Lettuce	-	63.1
Beans	-	172.0
Pumpkin	74.9	131.4
Okra	121.3	131.0
Radish	-	42.4
Corn	-	173.4

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increased in the APPI sub-indices were recorded for Sweet Melons (76.3%), Pumpkin (75.6%), Eggplant (30.7%), Okra (8.0%) and Tomato (6.0%) with an overall relative importance of 9%.

**Relative Importance and Percentage Change in the APPI for Vegetables that Increased in Nov of 2016** (compared with Oct of 2016).

Crop	Relative Importance (%)	Percentage rise in price (%)
Sweet Melons	4.57	76.3
Pumpkin	0.93	75.6
Eggplant	2.24	30.7
Okra	0.05	8.0
Tomato	0.81	6.0

Source: Statistics Centre - Abu Dhabi

By contrast, the sub-index Prices decreased for some crops, including: Hot Pepper, Marrow, Sweet Pepper and Cucumber by 19.9%, 15.1%, 8.3% and 1.7% respectively. The overall relative importance of the price increases was 91%.

**Relative Importance and Percentage Change in the APPI for Vegetables that Showed Price decreased in Nov of 2016** (compared with Oct of 2016).

Crop	Relative Importance (%)	Percentage fall in price (%)
Hot Pepper	4.10	19.9-
Marrow	10.47	15.1-
Sweet Pepper	0.83	8.3-
Cucumber	75.81	1.7-

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 Nov 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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