



مركز الإحصاء  
STATISTICS CENTRE



# Agricultural Producers

## Price Index

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

- The Agricultural Producer Price Index stood at 117.1 points in the Jun of 2016.
- The Agricultural Producer Price Index for vegetable crops increased by 1.3% to 117.1 points in the Jun 2016, from 115.6 points in the Jun of 2015. The largest contributors to the increased in the APPI were: Sweet Melons (42.5%), Cauliflower (15.4%), Watermelon (14.0) and Cabbage (10.7%).
- The Agricultural Producer Price Index for vegetable crops increased by 4.8% to 117.1 points in the Jun 2016, from 111.7 points in the May of 2016. The largest contributors to the increases in the APPI were: Potato (26.2%), Marrow (14.9%), and Cauliflower (12.1%).

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

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

The APPI for vegetable crops Increased by 1.3% to 117.1 points in Jun 2016 from 115.6 points in Jun 2015. The rise reflects the net outcome of yearly upward and downward changes in the prices of vegetables during Jun 2016.

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

Crop	Jun-15	Jun-16
<b>All Products</b>	<b>115.6</b>	<b>117.1</b>
Potato	109.6	85.5
Cabbage	102.8	113.8
Hot Pepper	134.2	119.8
Sweet Pepper	124.7	128.6
Marrow	122.6	120.0
Eggplant	124.4	137.8
Cucumber	113.3	115.6
Tomato	118.2	111.1
Watermelon	113.1	129.0
Sweet Melons	103.6	147.7
Lettuce	101.7	98.3
Onion	117.8	109.9
Parsley	110.1	119.3
Beans	-	104.2
Carrot	110.3	99.9
Cauliflower	150.0	173.1
Pumpkin	179.6	194.5
Okra	137.6	124.9
Garden Rocket	106.6	103.3
Turnip	110.2	86.2

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increased in the APPI in Jun 2016 were: Sweet Melons (42.5%), Cauliflower (15.4%), Watermelon (14.0%), Cabbage (10.7%), Eggplant (10.7%), Parsley (8.3%), Pumpkin (8.3%), Sweet Pepper (3.1%) and Cucumber (2.0%), with an overall relative importance of 77%.

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

Crop	Relative importance (%)	Percentage rise in price (%)
Sweet Melons	2.19	42.5
Cauliflower	0.03	15.4
Watermelon	0.43	14.0
Cabbage	6.82	10.7
Eggplant	1.90	10.7
Parsley	0.27	8.3
Pumpkin	0.73	8.3
Sweet Pepper	5.84	3.1
Cucumber	58.35	2.0

Source: Statistics Centre - Abu Dhabi

On the other hand the APPI sub-indices decreased for a number of vegetable crops, including Potato, Turnip, Hot Pepper, Carrot, Okra, Onion, Tomato, Lettuce, Garden Rocket and Marrow by 22.0%, 21.8%, 10.8%, 9.4%, 9.2%, 6.7%. 6.0%, 3.3%, 3.1%, and 2.1% respectively, with the price falls having a combined relative importance of 23%.

**Relative Importance and Percentage change in the APPI for vegetables that Fall Price decreased on the Month of Jun of 2016** (compared with the Jun of 2015).

Crop	Relative Importance (%)	Percentage fall in price (%)
Potato	0.90	22.0-
Turnip	0.00	21.8-
Hot Pepper	5.09	10.8-
Carrot	0.98	9.4-
Okra	0.11	9.2-
Onion	3.22	6.7-
Tomato	11.78	6.0-
Lettuce	0.10	3.3-
Garden Rocket	0.24	3.1-
Marrow	1.02	2.1-

Source: Statistics Centre - Abu Dhabi

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

The APPI for vegetable crops increased by 4.8% during the Jun of 2016 compared with the May of 2016.

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

Crop	May-16	Jun-16
<b>All Products</b>	<b>111.7</b>	<b>117.1</b>
Potato	67.7	85.5
Cabbage	116.2	113.8
Hot Pepper	135.1	119.8
Sweet Pepper	117.0	128.6
Marrow	104.4	120.0
Eggplant	132.1	137.8
Cucumber	127.7	115.6
Tomato	110.5	111.1
Watermelon	-	129.0
Sweet Melons	-	147.7
Lettuce	113.6	98.3
Onion	104.3	109.9
Parsley	-	119.3
Beans	116.7	104.2
Carrot	-	99.9
Cauliflower	154.4	173.1
Pumpkin	185.4	194.5
Okra	147.0	124.9
Corn	100.6	-
Garden Rocket	116.1	103.3
Turnip	-	86.2

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increase in the APPI sub-indices were recorded for Potato (26.2%), Marrow (14.9%), Cauliflower (12.1%), Sweet Pepper (9.8%), Onion (5.4%), Pumpkin (4.9%), Eggplant (4.3%) and Tomato (0.6%), with an overall relative importance of 26%.

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

Crop	Relative Importance (%)	Percentage rise in price (%)
Potato	0.94	26.2
Marrow	1.06	14.9
Cauliflower	0.03	12.1
Sweet Pepper	6.08	9.8
Onion	3.35	5.4
Pumpkin	0.75	4.9
Eggplant	1.98	4.3
Tomato	12.25	0.6

Source: Statistics Centre - Abu Dhabi

By contrast, the sub-index Prices decreased for some crops, including: Okra, Lettuce, Hot Pepper, Garden Rocket, Beans, Cucumber and Cabbage by 15.0%, 13.4%, 11.3%, 11.0%, 10.7%, 9.5% and 2.1% respectively. The overall relative importance of the price increases was 74%.

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

Crop	Relative Importance (%)	Percentage fall in price (%)
Okra	0.11	15.0-
Lettuce	0.10	13.4-
Hot Pepper	5.30	11.3-
Garden Rocket	0.25	11.0-
Beans	0.02	10.7-
Cucumber	60.69	9.5-
Cabbage	7.09	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 Jun 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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