



مركز الإحصاء
STATISTICS CENTRE



Agricultural Producers

Price Index

December 2016

(For the prices of vegetable crops)

Date of Release: Feb. 2017

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

- The Agricultural Producer Price Index stood at 128.9 points in the Dec of 2016.
- The Agricultural Producer Price Index for vegetable crops increased by 1.3% to 128.9 points in the Dec 2016, from 127.3 points in the Dec of 2015. The largest contributors to the increased in the APPI were: Pumpkin (81.3%), Eggplant (42.6%) and Corn (42.1%).
- The Agricultural Producer Price Index for vegetable crops increased by 2.9% to 128.9 points in the Dec 2016, from 125.2 points in the Nov of 2016. The largest contributors to the increased in the APPI were: Radish (53.5%), Eggplant (52.7%) and Lettuce (50.4%).

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

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

The APPI for vegetable crops increased by 1.3% to 128.9 points in Dec 2016 from 127.3 points in Dec 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 Dec 2015 and Dec 2016.

Crop	Dec -15	Dec -16
All Products	127.3	128.9
Cabbage	109.9	90.7
Hot Pepper	145.9	144.8
Sweet Pepper	175.8	113.1
Marrow	129.0	117.8
Eggplant	162.9	232.2
Cucumber	120.5	120.1
Tomato	144.1	121.6
Watermelon	131.2	-
Sweet Melons	174.4	-
Lettuce	91.7	94.9
Beans	187.3	194.5
Beet	-	186.8
Cauliflower	-	114.5
Pumpkin	58.7	106.5
Okra	177.9	139.0
Radish	-	65.1
Corn	126.3	179.5
Broccoli	142.1	-

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increased in the APPI in Nov 2016 were: Pumpkin (81.3%), Eggplant (42.6%), Corn (42.1%), Beans (3.8%), and Lettuce (3.5%) with an overall relative importance of 13.9%.

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

Crop	Relative importance (%)	Percentage rise in price (%)
Pumpkin	3.8	81.3
Eggplant	3.3	42.6
Corn	3.8	42.1
Beans	1.8	3.8
Lettuce	1.3	3.5

Source: Statistics Centre - Abu Dhabi

On the other hand the APPI sub-indices decreased for a number of vegetable crops, including Sweet Pepper, Okra, Cabbage, Tomato, Marrow, Hot Pepper and Cucumber by 35.7%, 21.9%, 17.5%, 15.6%, 8.7%, 0.7% and 0.3% respectively, with the price falls having a combined relative importance of 86.1%.

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

Crop	Relative Importance (%)	Percentage fall in price (%)
Sweet Pepper	2.1	-35.7
Okra	0.0	-21.9
Cabbage	0.6	-17.5
Tomato	7.7	-15.6
Marrow	8.5	-8.7
Hot Pepper	11.2	-0.7
Cucumber	56.0	-0.3

Source: Statistics Centre - Abu Dhabi

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

The APPI for vegetable crops increased by 2.9% during the Dec of 2016 compared with the Nov of 2016.

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

Crop	Nov-16	Dec-16
All Products	125.2	128.9
Cabbage	-	90.7
Hot Pepper	104.1	144.8
Sweet Pepper	158.0	113.1
Marrow	111.6	117.8
Eggplant	152.1	232.2
Cucumber	121.7	120.1
Tomato	111.5	121.6
Sweet Melons	198.3	-
Lettuce	63.1	94.9
Beans	172.0	194.5
Beet	-	186.8
Cauliflower	-	114.5
Pumpkin	131.4	106.5
Okra	131.0	139.0
Radish	42.4	65.1
Corn	173.4	179.5

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increased in the APPI sub-indices were recorded for Radish (53.5%), Eggplant (52.7%), Lettuce (50.4%), Hot Pepper (39.1%), Beans (13.1%), Tomato, (9.1%), Okra (6.1%), Marrow (5.5%) and Corn (3.5%) with an overall relative importance of 37.8%.

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

Crop	Relative Importance (%)	Percentage rise in price (%)
Radish	0.08	53.5
Eggplant	3.30	52.7
Lettuce	1.31	50.4
Hot Pepper	11.28	39.1
Beans	1.78	13.1
Tomato	7.69	9.1
Okra	0.04	6.1
Marrow	8.49	5.5
Corn	3.81	3.5

Source: Statistics Centre - Abu Dhabi

By contrast, the sub-index Prices decreased for some crops, including: Sweet Pepper, Pumpkin, and Cucumber by 28.4%, 19.0 and 1.3% respectively. The overall relative importance of the price increases was 62.2%.

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

Crop	Relative Importance (%)	Percentage fall in price (%)
Sweet Pepper	2.10	-28.4
Pumpkin	3.81	-19.0
Cucumber	56.30	-1.3

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 Dec 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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