



مركز الإحصاء
STATISTICS CENTRE



Agricultural Producers

Price Index

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

- The Agricultural Producer Price Index stood at 120.5 points in the Aug of 2016.
- The Agricultural Producer Price Index for vegetable crops increased by 1.1% to 120.5 points in the Aug 2016, from 119.2 points in the Aug of 2015. The largest contributors to the increased in the APPI were: Eggplant (9.3%), Cabbage (8.2%), Onion (4.7%) and Potato (4.3%).
- The Agricultural Producer Price Index for vegetable crops increased by 1.7% to 120.5 points in the Aug 2016, from 118.5 points in the Jul of 2016. The largest contributors to the increases in the APPI were: Sweet Pepper (18.1%), Hot Pepper (14.5%), Okra (7.2%) and Lettuce (6.4%).

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

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

The APPI for vegetable crops increased by 1.1% to 120.5 points in Aug 2016 from 119.2 points in Aug 2015. The increase reflects the net outcome of yearly upward and downward changes in the prices of vegetables during Aug 2016.

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

Crop	Aug-15	Aug-16
All Products	119.2	120.5
Potato	85.9	89.6
Cabbage	116.8	126.4
Hot Pepper	142.8	135.7
Sweet Pepper	133.8	137.8
Marrow	106.6	104.7
Eggplant	96.3	105.3
Cucumber	118.7	120.3
Tomato	111.9	116.3
Watermelon	106.7	109.3
Lettuce	107.6	107.4
Onion	97.0	101.5
Carrot	127.8	117.7
Pumpkin	105.9	103.4
Mallow	134.1	-
Okra	122.7	113.6

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increased in the APPI in Aug 2016 were: Eggplant (9.3%), Cabbage (8.2%), Onion (4.7%), Potato (4.3%), Tomato (4.0%), Sweet Pepper (3.0%), Watermelon (2.5%), and Cucumber (1.3%), with an overall relative importance of 92%.

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

Crop	Relative importance (%)	Percentage rise in price (%)
Eggplant	0.01	9.3
Cabbage	0.00	8.2
Onion	0.02	4.7
Potato	0.01	4.3
Tomato	0.04	4.0
Sweet Pepper	0.06	3.0
Watermelon	0.00	2.5
Cucumber	0.79	1.3

Source: Statistics Centre - Abu Dhabi

On the other hand the APPI sub-indices decreased for a number of vegetable crops, including Carrot, Okra, Hot Pepper, Pumpkin, Marrow and Lettuce by 7.9%, 7.4%, 5.0%, 2.4%, 1.7%, and 0.2% respectively, with the price falls having a combined relative importance of 8%.

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

Crop	Relative Importance (%)	Percentage fall in price (%)
Carrot	0.02	7.9-
Okra	0.00	7.4-
Hot Pepper	0.04	5.0-
Pumpkin	0.01	2.4-
Marrow	0.01	1.7-
Lettuce	0.00	0.2-

Source: Statistics Centre - Abu Dhabi

2. APPI of Aug 2016 compared with the APPI of Jul 2016 for vegetables crops

The APPI for vegetable crops increased by 1.7% during the Aug of 2016 compared with the Jul of 2016.

Agricultural Producers Price Index by Type of Crop for the Months of Aug 2016 and Jul 2016.

Crop	Jul-16	Aug-16
All Products	118.5	120.5
Potato	90.4	89.6
Cabbage	124.1	126.4
Hot Pepper	118.6	135.7
Sweet Pepper	116.7	137.8
Marrow	101.3	104.7
Eggplant	107.3	105.3
Cucumber	117.6	120.3
Tomato	125.0	116.3
Watermelon	149.5	109.3
Sweet Melons	101.1	-
Lettuce	101.0	107.4
Onion	109.3	101.5
Parsley	107.0	-
Beans	90.5	-
Carrot	120.0	117.7
Pumpkin	146.7	103.4
Mallow	112.4	-
Okra	106.0	113.6
Turnip	107.0	-

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increase in the APPI sub-indices were recorded for Sweet Pepper (18.1%), Hot Pepper (14.5%), Okra (7.2%), Lettuce (6.4%), Marrow (3.3%), Cucumber (2.3%) and Cabbage (1.8%), with an overall relative importance of 90%.

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

Crop	Relative Importance (%)	Percentage rise in price (%)
Sweet Pepper	0.06	18.1
Hot Pepper	0.04	14.5
Okra	0.00	7.2
Lettuce	0.00	6.4
Marrow	0.01	3.3
Cucumber	0.79	2.3
Cabbage	0.00	1.8

Source: Statistics Centre - Abu Dhabi

By contrast, the sub-index Prices decreased for some crops, including: Pumpkin, Watermelon, Onion, Tomato, Carrot, Eggplant and Potato by 29.5%, 26.9%, 7.1%, 7.0%, 1.9%, 1.8% and 0.9% respectively. The overall relative importance of the price increases was 10%.

Relative Importance and Percentage Change in the APPI for Vegetables that fell Prices during Aug of 2016 (compared with Jul of 2016).

Crop	Relative Importance (%)	Percentage fall in price (%)
Pumpkin	0.01	29.5-
Watermelon	0.00	26.9-
Onion	0.02	7.1-
Tomato	0.04	7.0-
Carrot	0.02	1.9-
Eggplant	0.01	1.8-
Potato	0.01	0.9-

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 Aug 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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