



مركز الإحصاء
STATISTICS CENTRE



Agricultural Producers

Price Index

July 2016

(For the prices of vegetable crops)

Date of Release: Sep. 2016

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

- The Agricultural Producer Price Index stood at 118.5 points in the Jul of 2016.
- The Agricultural Producer Price Index for vegetable crops Decreased by 2.2% to 118.5 points in the Jul 2016, from 121.2 points in the Jul of 2015. The largest contributors to the Decreased in the APPI were: Marrow (25.5%), Sweet Mellon (25.3%), Eggplant (20.3) and Sweet Pepper (15.6%).
- The Agricultural Producer Price Index for vegetable crops increased by 1.2% to 118.5 points in the Jul 2016, from 117.1 points in the Jun of 2016. The largest contributors to the increases in the APPI were: Turnip (24.1%), Carrot (20.2%), Watermelon 15.9% and Tomato (12.5%).

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

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

The APPI for vegetable crops Decreased by 2.2% to 118.5 points in Jul 2016 from 121.2 points in Jul 2015. The fall reflects the net outcome of yearly upward and downward changes in the prices of vegetables during Jul 2016.

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

Crop	Jul-15	Jul-16
All Products	121.2	118.5
Potato	83.4	90.4
Cabbage	132.0	124.1
Hot Pepper	125.5	118.6
Sweet Pepper	138.2	116.7
Marrow	136.0	101.3
Eggplant	134.7	107.3
Cucumber	120.6	117.6
Tomato	121.5	125.0
Watermelon	101.7	149.5
Sweet Melons	135.3	101.1
Lettuce	101.7	101.0
Onion	105.6	109.3
Parsley	104.3	107.0
Beans	103.0	90.5
Carrot	102.7	120.0
Pumpkin	161.7	146.7
Mallow	107.9	112.4
Okra	115.1	106.0
Turnip	82.3	107.0

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increased in the APPI in Jul 2016 were: Marrow (25.5%), Sweet Melons (25.3%), Eggplant (20.3%), Sweet Pepper (15.6%), Beans (12.1%), Pumpkin (9.3%), Okra (7.9%), Cabbage (6.0%), Hot Pepper (5.5%), Cucumber (2.5%) and Lettuce (0.7%), with an overall relative importance of 83%.

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

Crop	Relative importance (%)	Percentage rise in price (%)
Marrow	0.47	25.5-
Sweet Melons	0.14	25.3-
Eggplant	0.19	20.3-
Sweet Pepper	2.26	15.6-
Beans	0.02	12.1-
Pumpkin	0.42	9.3-
Okra	0.06	7.9-
Cabbage	0.14	6.0-
Hot Pepper	4.37	5.5-
Cucumber	74.89	2.5-
Lettuce	0.26	0.7-

Source: Statistics Centre - Abu Dhabi

On the other hand the APPI sub-indices increased for a number of vegetable crops, including Watermelon, Turnip, Carrot, Potato, Mallow, Onion, Tomato and Parsley by 47.1%, 30.0%, 16.9%, 8.4%, 4.2%, 3.5%, 2.9%, and 2.5% respectively, with the price falls having a combined relative importance of 17%.

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

Crop	Relative Importance (%)	Percentage fall in price (%)
Watermelon	0.08	47.1
Turnip	0.17	30.0
Carrot	0.29	16.9
Potato	0.77	8.4
Mallow	0.02	4.2
Onion	0.09	3.5
Tomato	15.35	2.9
Parsley	0.00	2.5

Source: Statistics Centre - Abu Dhabi

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

The APPI for vegetable crops increased by 1.2% during the Jul of 2016 compared with the Jun of 2016.

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

Crop	Jun-16	Jul-16
All Products	117.1	118.5
Potato	85.5	90.4
Cabbage	113.8	124.1
Hot Pepper	119.8	118.6
Sweet Pepper	128.6	116.7
Marrow	120.0	101.3
Eggplant	137.8	107.3
Cucumber	115.6	117.6
Tomato	111.1	125.0
Watermelon	129.0	149.5
Sweet Melons	147.7	101.1
Lettuce	98.3	101.0
Onion	109.9	109.3
Parsley	119.3	107.0
Beans	104.2	90.5
Carrot	99.9	120.0
Cauliflower	173.1	-
Pumpkin	194.5	146.7
Mallow	-	112.4
Okra	124.9	106.0
Garden Rocket	103.3	-
Turnip	86.2	107.0

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increase in the APPI sub-indices were recorded for Turnip (24.1%), Carrot (20.2%), Watermelon (15.9%), Tomato (12.5%), Cabbage (9.1%), Potato (5.7%), Lettuce (2.7%) and Cucumber (1.7%), with an overall relative importance of 92%.

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

Crop	Relative Importance (%)	Percentage rise in price (%)
Turnip	0.17	24.1
Carrot	0.29	20.2
Watermelon	0.08	15.9
Tomato	15.35	12.5
Cabbage	0.14	9.1
Potato	0.77	5.7
Lettuce	0.26	2.7
Cucumber	74.89	1.7

Source: Statistics Centre - Abu Dhabi

By contrast, the sub-index Prices decreased for some crops, including: Sweet Melons, Pumpkin, Eggplant, Marrow, Okra, Beans, Parsley, Sweet Pepper, Hot Pepper and Onion by 31.6%, 24.6%, 22.1%, 15.6%, 15.1%, 13.1%, 10.3%, 9.2%, 1.0% and 0.6% respectively. The overall relative importance of the price increases was 8%.

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

Crop	Relative Importance (%)	Percentage fall in price (%)
Sweet Melons	0.14	31.6-
Pumpkin	0.42	24.6-
Eggplant	0.19	22.1-
Marrow	0.47	15.6-
Okra	0.06	15.1-
Beans	0.02	13.1-
Parsley	0.00	10.3-
Sweet Pepper	2.26	9.2-
Hot Pepper	4.37	1.0-
Onion	0.09	0.6-

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 Jul 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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