



مركز الإحصاء
STATISTICS CENTRE



Agricultural Producers Price Index

the First Half of 2014

(Prices of vegetable crops)

Issued in September 2014

Introduction

Prices are considered important economic indicators in all countries regardless of their prevailing economic and social systems. They are used in various fields in the national economy such as internal and external 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 its changing mechanism as a guide to set up an economic distribution for its various investments.

Given the significance of prices, statistical entities and other specialized bodies collect prices data periodically including all commodities in the market.

Agricultural price data has a direct influence on decisions made by investors in the agricultural field. Agriculture prices are an instrumental indicator in the economic and social life of farmers due to its effect on many economic activities. It affects directly farmers' income and living standards. Data on agricultural prices helps provide the appropriate indicators that maintain the balance between production cost and selling price till it reach consumers, preserving the interests of both producers and consumers. Agricultural price is useful to famers in planning and developing their production, maximize their income and avoid potential loss.

Agricultural Producer Price Index (APPI) is a significant statistical indicator used in planning and research, specifically in agricultural fields. Statistical entities and centers are keen to produce the (APPI) depending on quantities of cultivated crops supplied to agriculture marketing centers and its prices.

The Statistics Centre – Abu Dhabi (SCAD) frequently collects quantities and values of agricultural products supplied to the agriculture marketing centers and disseminates the data in accordance with the international methodologies in this field.

1. Relative change in (APPI) for vegetable crops

The APPI for vegetable crops advanced by 7.4% from 107.6 to 111.5 points during the second half of 2014 compared with the first half of 2013.

The rise reflects the net outcome of yearly upward and downward changes in the prices of vegetables supplied to the Emirate's distribution centers during the first half of 2014.

Agricultural Producers Price Index During the First Half of 2014

(100= 2010)

Year	First Half	Second Half	change Relative
2013	107.6	111.5	3.6
2014	115.6		

Source: Statistics Centre - Abu Dhabi

Agricultural Producers Price Index by Type of Crop During the First Half of 2013 and the First Half of 2014

(100= 2010)

Crop	First Half 2013	First Half 2014	Change Relative
All Products	107.6	115.6	7.4
Tomato	116.6	129.9	11.4
Beans	103.3	105.5	2.1
Beets	101.0	108.6	7.5
Cabbage	105.4	109.5	3.9
Cucumber	138.6	115.8	-16.5
Carrot	70.6	80.1	13.5
Cauliflower	93.3	103.8	11.3
Mallow	91.5	91.3	-0.2
Pepper	105.4	106.8	1.3
Eggplant	129.6	142.5	10.0
Broad Bean	110.2	97.4	-11.6
Marrow	107.3	106.9	-0.4
Onion	116.2	114.8	-1.2
Corn	89.4	90.7	1.5
Sweet Melon	144.5	145.3	0.6
Turnip	94.4	105.8	12.1
Watermelon	110.8	107.7	-2.8
Coriander	95.2	96.1	0.9
Parsley	124.8	130.1	4.2
Potato	106.8	109.5	2.5
Lettuce	117.1	114.9	-1.9
Garden Rocket	116.1	129.8	11.8

Source: Statistics Centre - Abu Dhabi

The largest contributors to the increases in the APPI were: Carrot (13.5%), Turnip (12.1%), Garden Rocket (11.8%), Tomato (11.4%), Cauliflower (11.3%), Eggplant (10.0%), Beets (7.5%), Parsley (4.2%), Cabbage (3.9%), Potato (2.5%), Beans (2.1%), Corn (1.5%), Pepper (1.3%), Coriander (0.9%), and Sweet Mellon (0.6%), with an overall relative importance of 55%.

Relative Importance and Percentage Change in the APPI for Vegetables that Showed Price Rises During the First Half of 2014 (compared with the first half of 2013)

(100= 2010)

Ser.	Crop	Relative importance (%)	Ratio of Price Rises (%)
1	Carrot	0.15	13.5
2	Turnip	0.00	12.1
3	Garden Rocket	0.12	11.8
4	Tomato	13.04	11.4
5	Cauliflower	1.19	11.3
6	Eggplant	2.36	10.0
7	Beets	0.01	7.5
8	Parsley	0.01	4.2
9	Cabbage	4.09	3.9
10	Potato	15.48	2.5
11	Beans	1.45	2.1
12	Corn	2.39	1.5
13	Pepper	14.07	1.3
14	Coriander	0.23	0.9
15	Sweet melon	0.02	0.6

Source: Statistics Centre - Abu Dhabi

On the other hand the APPI sub-indices declined for a number of crops, including Cucumber, Broad Bean, Watermelon, Lettuce, Onion, Marrow, and Mallow by 16.5%, 11.6%, 2.8%, 1.9%, 1.2%, 0.4%, and 0.2% respectively, with the price falls having a combined relative importance of 45%.

Relative Importance and the Rate of Decline for Vegetable Crops Whose Prices Fell During the First Half of 2014 (compared with the first half of 2013)

(100= 2010)

Ser.	Crop	Relative Importance (%)	Ratio of Price Falls (%)
1	Cucumber	40.14	16.5
2	Broad Bean	0.12	11.6
3	Watermelon	1.69	2.8
4	Lettuce	0.05	1.9
5	Onion	1.03	1.2
6	Marrow	2.35	0.4
7	Mallow	0.02	0.2

Source: Statistics Centre - Abu Dhabi

2. Comparison of APPI for Vegetables Corps - First Half of 2014 /Second Half of 2013

APPI for vegetable crops increased by 3.7% in the First half of 2014 compared with the second half of 2013, as the index reached 115.6 points in the First half of 2014, up from 111.5 points during the second half of 2013.

The most significant increases in the APPI sub-indices were recorded for Parsley (10.0%), Coriander (5.8%), Sweet Mellon (5.6%), Cauliflower (5.4%), Onion (5.0%), Potato (4.7%), Lettuce (4.3%), Garden Rocket (3.6%), Turnip (2.7), Eggplant (2.4%), Tomato (2.3%) and Carrot (1.1%), with an overall relative importance of 34%.

Agricultural Producers Price Index During the Second Half of 2013 and First Half 2014
(100= 2010)

Crop	Second Half 2013	First Half 2014
All Products	111.5	115.6
Tomato	127.0	129.9
Beans	111.1	105.5
Beets	112.1	108.6
Cabbage	110.7	109.5
Cucumber	130.7	115.8
Carrot	79.2	80.1
Cauliflower	98.5	103.8
Mallow	102.4	91.3
Pepper	113.8	106.8
Eggplant	139.1	142.5
Broad Bean	108.3	97.4
Marrow	117.2	106.9
Onion	109.3	114.8
Corn	95.1	90.7
Sweet Melon	137.6	145.3
Turnip	103.0	105.8
Watermelon	120.7	107.7
Coriander	90.8	96.1
Parsley	118.3	130.1
Potato	104.6	109.5
Lettuce	110.2	114.9
Garden Rocket	125.3	129.8

Source: Statistics Centre - Abu Dhabi

Relative Importance and Percentage Change in the APPI for Vegetables that Showed Price Rises During the First Half of 2014 (compared with the Second half of 2013)

(100= 2010)

Ser.	Crop	Relative Importance (%)	Ratio of Price Rises (%)
1	Parsley	0.01	10.0
2	Coriander	0.23	5.8
3	Sweet melon	0.02	5.6
4	Cauliflower	1.19	5.4
5	Onion	1.03	5.0
6	Potato	15.48	4.7
7	Lettuce	0.05	4.3
8	Garden Rocket	0.12	3.6
9	Turnip	0.00	2.7
10	Eggplant	2.36	2.4
11	Tomato	13.04	2.3
12	Carrot	0.15	1.1

Source: Statistics Centre - Abu Dhabi

By contrast, the sub-index retreated for some crops, including: Cucumber, Mallow, Watermelon, Broad Bean, Marrow, Pepper, Beans, Corn, Beets, and Cabbage by 11.4%, 10.8%, 10.7%, 10.1%, 8.8%, 6.2%, 5.0%, 4.6%, 3.1% and 1.1% respectively. The overall relative importance of the price falls was 66%.

Relative Importance and Percentage Change in the APPI for Vegetables that Showed Price Falls During the First Half of 2014 (compared with the Second half of 2013)

(100= 2010)

Ser.	Crop	Relative Importance (%)	Ratio of Price Falls (%)
1	Cucumber	40.14	11.4
2	Mallow	0.02	10.8
3	Watermelon	1.69	10.7
4	Broad Bean	0.12	10.1
5	Marrow	2.35	8.8
6	Pepper	14.07	6.2
7	Beans	1.45	5.0
8	Corn	2.39	4.6
9	Beets	0.01	3.1
10	Cabbage	4.09	1.1

Source: Statistics Centre - Abu Dhabi

Explanatory Notes

Methodology:

The APPI adopts 2010 prices as the base for prices and weights. The used weights are derived from the price data of vegetables supplied to the agricultural marketing centres.

Data source:

The APPI is produced using the price data of agricultural products (vegetables) supplied to the agricultural marketing centres under the supervision of Abu Dhabi Food Control Authority.

APPI Compilation:

The APPI is compiled using the Laspeyres method that adopts the base year prices.

w w w . s c a d . a e

Tel: +971 2 8100000 - Fax: +971 2 8100800

P.O. Box: 6036, Abu Dhabi, U.A.E.