



مركز الإحصاء
STATISTICS CENTRE



Agricultural Producers

Price Index

July 2020
(2018=100)

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Briefing

This publication provides an analysis of the results of the Agriculture Producer Price Index (APPI) for July 2020 with the base year 2018. In addition, the publication provides the results of calculating the contributions ratios of the Agriculture groups in the overall percentage change for the current month compared with the previous month.

Key Points

- Prices of the Agriculture Producer Price Index (APPI) decreased by 34.9% during July 2020 compared with July 2019, where the APPI was 54.2% in July 2020 compared with 83.3% in July 2019.
- Prices of the Agriculture Producer Price Index (APPI) decreased by 41.0% during July 2020 compared with June 2020, where the APPI decreased from 91.9% in June 2020 to 54.2% in July 2020.
- The 'Cucumber' group contributed 96.6% to the overall decrease in the APPI in July 2020 compared with June 2020, where the prices of this group decreased by 54.8% with a weight of 50.3%.
- The 'Red watermelon' group contributed 2.1% to the overall decrease in the APPI in July 2020 compared with June 2020, where the prices of this group decreased by 66.0% with a weight of 1.1%.
- The 'Tomato' group contributed 1.3% to the overall decrease in the APPI in July 2020 compared with June 2020, where the prices of this group decreased by 3.4% with a weight of 27.7%.
- Despite the decrease of the APPI in July 2020 compared with June 2020, the prices of 'Marrow' group increased by 16.3% and contributed 0.9% in offsetting the overall decrease, while the weight of this group is 3.5%.

Tables

Table (1): Percentage change in the APPI groups and the contribution of each product to the total change during the month of July 2020 compared with June 2020 (2018=100)

| Product | Weight | Percentage Change % | Contribution |
|--------------------------|------------|---------------------|----------------|
| Potato | 0.8 | -2.4 | 0.0 |
| Cabbage | 2.0 | - | - |
| Hot Pepper | 1.1 | -15.9 | -0.3 |
| Paprika | 4.7 | -4.6 | -0.4 |
| Marrow | 3.5 | 16.3 | 0.9 |
| Eggplant | 4.0 | - | - |
| Cucumber | 50.3 | -54.8 | -96.6 |
| Tomatoes | 27.7 | -3.4 | -1.3 |
| Red watermelon | 1.1 | -66.0 | -2.1 |
| Melon | 0.1 | - | - |
| Lettuce | 0.6 | - | - |
| Onions | 0.7 | -23.2 | -0.1 |
| Parsley | 0.0 | - | - |
| Green beans | 0.3 | - | - |
| Beetroot | 0.2 | - | - |
| Flower/ Cauliflower | 0.8 | - | - |
| Pumpkin | 0.7 | - | - |
| Coriander | 0.0 | - | - |
| Okra | 0.1 | - | - |
| Radishes | 0.1 | - | - |
| Corn | 1.3 | - | - |
| Dates | 0.0 | - | - |
| Lemon | 0.0 | - | - |
| Coriander / Green Leaves | 0.0 | - | - |
| Ber | 0.0 | - | - |
| Fig | 0.0 | - | - |
| Kale | 0.0 | - | - |
| Total | 100 | -41.0 | -100.00 |

Source: Statistics Centre - Abu Dhabi

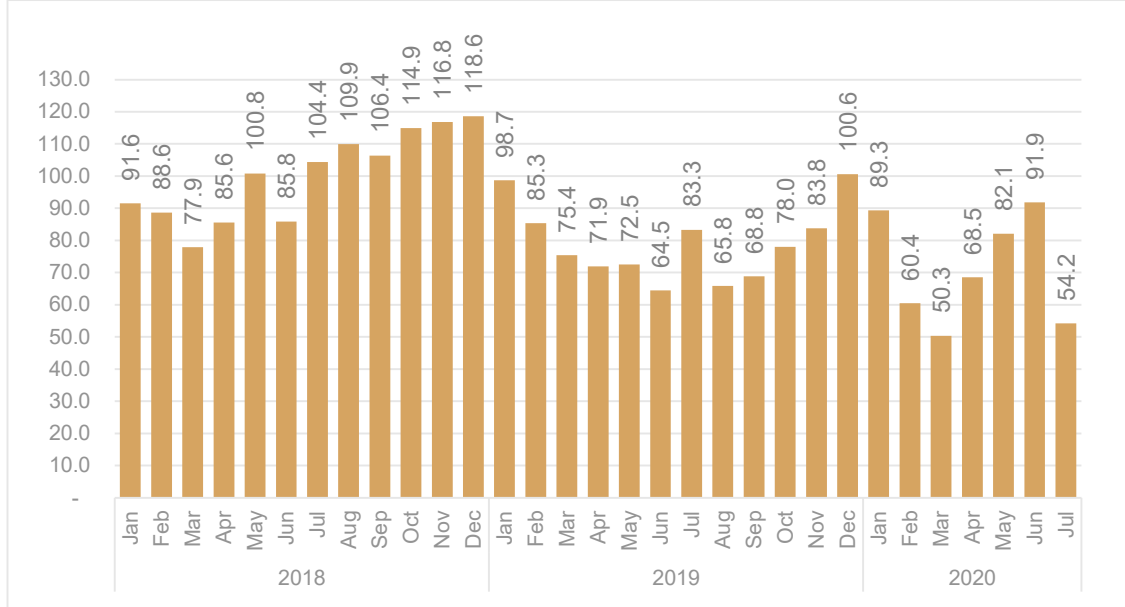
(-): no price change during the month

* Totals may not add to 100 due to rounding



Charts

Figure 1: Agriculture Producer Price Index for the months of 2018-2020 (2018=100)



Source: Statistics Centre - Abu Dhabi

Methodology

Overview

The Agriculture Producer Price Index (APPI) is compiled from the data that are provided to Statistic Center- Abu Dhabi by the Abu Dhabi Authority for Agriculture and Food Safety. This administrative data is of the highest quality, which helps to produce high-quality, accurate and transparent indicators which contribute to the development and growth of the Emirate of Abu Dhabi.

Although the Statistics Center - Abu Dhabi makes every effort to prepare official statistics, it does not give any guarantees that the information, data, or statistics provided are error-free. The Center is not responsible for any losses or damages caused to users as a result of direct or indirect use of the statistics provided on the site in good faith by the Statistics Center. Accordingly, users are responsible for determining when and how they use these statistics for any specific purposes.

Importance

The importance of the APPI is highlighted by providing data on the temporary development in agricultural producer prices to serve the consumer and agricultural producers in addition to other users (companies and sales outlets).

Objectives

- Knowing the prices of agricultural crops.
- Knowing the price changes of agricultural crops monthly and annually.
- Knowing the weights and the importance of each agricultural product.

Glossary

The index: Is a "number by which we compare the relative change that affects any phenomenon (or number of phenomena) due to the different time or place.

Price Index: A statistical tool for measuring the relative change in the prices of a good/ service or group of goods and services between two time periods or between two different places.

Agricultural Producer Price Index: A monthly statistical tool for measuring the relative change in the prices of the basket of goods produced in the Emirate of Abu Dhabi.

Base price: The amount received by the producer (farmer) from the purchaser for a unit of good or service produced as output. It includes subsidies on products and other taxes on agricultural production. It excludes taxes on agricultural products, other subsidies on production, supplier's retail and wholesale margins, and separately invoiced transport and insurance charges.

Comparison period: the period of time for which we want to compare prices with another period.

Base period: Is the period of time over which the current period is compared.

Weight (relative importance): It is the percentage resulting from dividing the value of sales of a good by the sum of all sales of all goods in the base period.

Relative change: The ratio resulting from dividing the change in the current number compared with the previous number divided by the previous number multiplied by 100%.

Contribution ratio: The percentage that the commodity contributed to the overall change and the total contributions for all commodities is 100.

Symbols used: '-' means no price.

Coverage

Prices are provided for agricultural crops in the Emirate of Abu Dhabi, where the price Index for agricultural producers is representative of all main areas of the Emirate.

Periodicity

The agricultural producer price index publication is issued on a monthly basis.

Classification

The publication of the producer price index for agricultural producers is based on a classification approved by the Abu Dhabi Authority for Agriculture and Food Safety in the emirate. Where agricultural crops were classified according to approved standards.

Data sources

The data used in this release was obtained through an electronic link with the Abu Dhabi Authority for Agriculture and Food Safety and is considered administrative data, and the Statistics Center - Abu Dhabi processed and verified this data and used it to produce statistics and indicators.

Questionnaire

According to the cooperation agreements between the two sides, the data is received monthly through an electronic link with the Abu Dhabi Authority for Agriculture and Food Safety.

Data collection

Data is received by electronic link with the Abu Dhabi Authority for Agriculture and Food Safety.

Data auditing and the calculation method

The process of checking the data received from the Abu Dhabi Authority for Agriculture and Food Safety by checking the totals of the numbers and comparing them with the previous months. In the event of any enquiries or comments, contact is made directly with the authority and checking the received data.

The index is calculated using the Laspeyres Equation $APPI_L = \sum \frac{P_{1i}}{P_{0i}} \times W_{0i}$

Output indicators

- Price indices according to agricultural products.
- Relative changes in prices according to agricultural products.
- The relative contributions of agricultural products.
- Weights and the relative importance of agricultural products.

Timeline

The publication is issued 60 days after the reference month ends.

Dissemination

The agricultural producer price index is published monthly on the website of the Statistics Center - Abu Dhabi.

Improvement

Updating the basket, weights and base year prices based on 2020, and automating APPI calculation.

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Source: Statistics Centre – Abu Dhabi, year of publication, name of product, catalogue number, reference period and page(s).

For more information about the Agriculture Producer Price Index and other official statistics, please visit the statistics link on the SCAD website at www.scad.gov.ae