



مركز الإحصاء  
STATISTICS CENTRE



# Building Materials

## Price Statistics

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## Briefing

The monthly publication of Building Materials Price Statistics is of great significance as building material prices are deemed to be important economic indicators for planning and research in various fields. They are also used in the compilation of indices of the construction activity and for the calculation of GDP at constant prices.

Statistical centers all over the world collect prices of building materials used by a large segment of people. As a result of the urban development and the constant growth in the construction sector in the Emirate - Statistics Centre – Abu Dhabi collects price data for these materials on a regular basis.

The movements of prices of 21 groups from the key building materials are included in this publication. This information helps decision and policy makers and researchers in planning and making sound decisions in support of the building materials sector and other sectors associated with it.

## Key Points

This publication provides the movement of prices of twenty-one groups of building materials in September 2020 compared with August 2020 and September 2019. The main results are as follows:

- During September 2020, the average prices of 'Glass' increased by 7.5%, '(PVC) Pipes' by 3.9% and ' Steel' by 3.8% compared with August 2020.
- During September 2020, the average prices of 'Concrete' decreased by 0.5 %, 'Aggregates and sand ' by 0.5%, compared with August 2020.
- During September 2020, the average prices of 'Power cable' increased by 6.0%, 'Wires for Small Building' increased by 5.6% and 'Wires for Residential Towers' increased by 4.1% compared with September 2019.
- During September 2020, the average prices of 'Employment/ with all services' decreased by 20.4%, 'Diesel' by 13.4%, and 'Waterproofing Products' by 10.0% compared with September 2019.
- During the third quarter of 2020 compared with the second quarter of 2020, the average prices of the 'Power Cable' group increased by 11.2%, '(PVC) Pipes' by 8.0%, and 'Employment \ with all services' by 7.7%. The average prices of, 'Natural Stone' decreased by 11.7%, '(uPVC) Pipes' by 5.1%, and 'Glass' by 2.3% compared with the second quarter of 2020.
- During the third quarter of 2020 compared with the same period in the previous year, the average prices of 'Power cable' increased by 5.0%, the prices of 'Natural stone' increased by 2.9%, and 'Aggregates and sand' increased by 2.5%. The average prices of 'Employment\ with all services' decreased by 22.6%, 'Diesel' by 13.6%, and 'Waterproofing products' by 9.8%.

## Methodology

### Importance

Building material prices are among the economic indicators that constitute an important input in planning and research in various urban and economic fields.

### Objectives

1. An analytical tool to identify price trends and forecast any price changes in building materials prices for decision-makers and policy makers.
2. Internal use in the statistics center in calculating other statistical indicators, short-term economic indicators and gross domestic product at constant prices.
3. It is used by companies and specialized commercial establishments in the construction and building materials sector.

### Concepts and definitions used

**Average price:** It is the sum of the commodity prices, which are collected from more than one source divided by the number of sources for that commodity.

**The monthly or quarterly relative price change:** It is the percentage increase or decrease in the average price of the current month or quarter compared to the average price of the previous month or quarter divided by the same month or quarter of the previous year.

### Coverage

The Building Materials Price statistics included in this publication is considered representative of the average prices of Building Materials in the Emirate of Abu Dhabi.

### **Dissemination**

The publication is issued monthly.

### **Classifications used**

A local classification has been developed by technicians in the income and price department according to the nature of the construction sector in the Emirate of Abu Dhabi, where building materials have been classified into 21 main groups containing 343 goods and services.

### **Data sources**

depend on the experts in the income and prices department and their field experience, a number of sales sources representing the building materials trade in the Emirate of Abu Dhabi were identified, which amount to 30

### **Data collection forms**

Data is collected from the field through paper forms designed for this purpose.

### **Sample methodology**

Sample proportional to size

### **Data collection method**

Data is collected on a monthly basis through field visits to sales sources, or by e-mail communication.

### **Data audit mechanism and calculation method**

The prices that have been entered in the account file are reviewed, and in the event of any inquiry regarding the price of a commodity or service, the price is communicated and verified from the source, and after confirming the prices, the current average prices are compared with the previous prices according to the available time series.

Simple price levels are calculated by dividing the average price of the commodity or service for the current month by the average price of the commodity or service in the previous month, as well as for the quarterly and annual average price. Then the geometric mean of the price group is calculated and the monthly, quarterly and annual variables are extracted.

## Outputs

- Average monthly prices for the goods or services
- The monthly change of the main groups
- Quarterly change of major groups
- Annual change of major groups

## Timeline

The Building Material Price statistics report is issued 18 working days after the end of the reference month.

## Dissemination

The Building Material Price Statistics report is published monthly on the Statistics Centre Abu Dhabi website.

## Improvement

Updating the list of goods / services periodically whenever required

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