



مركز الإحصاء  
STATISTICS CENTRE



# Building Materials

## Price Statistics

August 2015

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## Introduction

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 centres 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 (table 4). 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 an analysis of the movement of the average prices of building materials during the month of August 2015 compared with July 2015 and August 2014. The key changes were:

- During August 2015 the average prices of the 'Employment', 'Tiles and marble' and 'Wood' groups increased by 6.5%, 5.1% and 5.0% respectively, compared with July 2015.
- During August 2015 the price of 'Diesel' decreased by 12.8%, 'False ceiling' by 9.6% and 'Aggregates and sand' by 6.3% compared with July 2015.
- During August 2015 the average price of the 'Employment' group increased by 16.5%, 'Tiles and marble' by 10.7% and 'Wood' by 2.9% compared with August 2014.
- During August 2015, the average prices of 'Steel', 'Waterproofing products' and 'Power cable' decreased by 20.4%, 16.3% and 15.9% respectively, compared with the same period in the previous year.

## 1. Key changes in the monthly average prices of building materials for August 2015 compared with July 2015

The increases in the average prices in August 2015 compared with July 2015, ranged between 1.2% for the 'Waterproofing products' group and 6.5% for the 'Employment' group. Decreases ranging from 1.0% for '(uPVC) Pipes' to 12.8% for the 'Diesel' group were recorded.

### Employment

The average wages of 'Employment' increased by 6.5% in August 2015 compared with July 2015. Table (1) shows increases between 9.4% and 17.6%.

**Table 1: Percentage change in the average wages of the employment group during August 2015 compared with July 2015**

Serial No.	Employment	Average wages of July 2015 (AED/ h)	Average wages of August 2015 (AED/ h)	Percentage Change %
1	Helper	8.0	8.8	9.4 ▲
2	Semi – skilled worker	8.5	10.0	17.6 ▲
3	Carpenter	10.0	11.0	10.0 ▲
4	Blacksmith	10.0	11.0	10.0 ▲
5	Electrician	16.0	16.0	0.0 —
6	Surveyor	25.0	25.0	0.0 —
7	Driver	28.0	28.0	0.0 —

Source: Statistics Centre – Abu Dhabi

Note: The table presents the average hourly labor rate including food, accommodation, and transport and safety equipment

### Tiles and marble

The average prices of 'Tiles and marble' increased by 5.1% in August 2015 compared with July 2015, as a result of an increase in marble prices.

### Wood

The average prices of 'Wood' increased by 5.0% in August 2015 compared with July 2015, as a result of an increase in most items in this group.

### Glass

The average prices of 'Glass' increased by 3.6% in August 2015 compared with July 2015, as a result of an increase in some items in this group.

## Diesel

The price of 'Diesel' decreased by 12.8% in August 2015 compared with July 2015.

## Aggregates and sand

The average prices of 'Aggregates and sand' decreased by 6.3% in August 2015 compared with July 2015, as a result of a decrease in most items in this group.

**Table 2: Percentage change in the average prices of the aggregates and sand group during August 2015 compared with July 2015**

Serial No.	Aggregates and sand	Average prices of July 2015 (AED)	Average prices of August 2015 (AED)	Percentage Change %	
1	Aggregates \ Crush 3/4 \ m <sup>3</sup> \ U.A.E.	80.0	75.0	-6.3	▼
2	Aggregates \ Ordinary 3/4 \ m <sup>3</sup> \ U.A.E.	75.0	70.0	-6.7	▼
3	Aggregates \ Crush 3/8 \ m <sup>3</sup> \ U.A.E.	70.0	67.5	-3.6	▼
4	Aggregates \ Ordinary 3/8 \ m <sup>3</sup> \ U.A.E.	70.0	67.5	-3.6	▼
5	Aggregates \ Material Sand \ m <sup>3</sup> \ U.A.E.	60.0	60.0	0.0	—
6	Sand \ White \ m <sup>3</sup> \ U.A.E.	45.0	40.0	-11.1	▼
7	Sand \ Black \ m <sup>3</sup> \ U.A.E.	60.0	55.0	-8.3	▼
8	Sand \ Red \ m <sup>3</sup> \ U.A.E.	50.0	45.0	-10.0	▼

Source: Statistics Centre – Abu Dhabi

## Steel

The average prices of 'Steel' decreased by 5.6% in August 2015 compared with July 2015.

## False ceiling

The average prices of 'False ceiling' decreased by 9.6% in August 2015 compared with July 2015, as a result of a decrease in most items in this group.

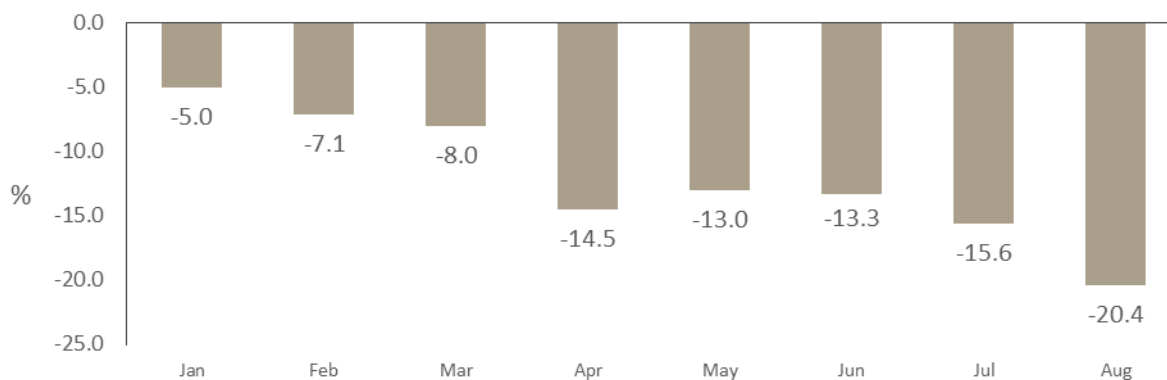
## 2. Key changes in the monthly average prices of building materials for August 2015 compared with August 2014

The monthly average prices for 16 groups of building materials have decreased in August 2015 compared with August 2014. The decreases ranged between 0.1% for 'Paints' and 20.4% for 'Steel'.

## Steel

The average prices of the 'Steel' group decreased by 20.4% in August 2015 compared with August 2014.

**Figure 1: Percentage change in the average prices of the steel group during months of 2015 compared with months of 2014**



Source: Statistics Centre – Abu Dhabi

## Waterproofing products

The average prices of 'Waterproofing products' decreased by 16.3% in August 2015 compared with August 2014, as a result of decreases in most items in this group.

## Power cable

The average prices of 'Power cable' decreased by 15.9% in August 2015 compared with August 2014, as a result of a decrease in all items in this group.

**Table 3: Percentage change in the average prices of the power cable group during August 2015 compared with August 2014**

Serial No.	Power cable	Average prices of August 2014 (AED)	Average prices of August 2015 (AED)	Percentage Change %
1	CU 11 KV \ 3*240 mm <sup>2</sup> \ 1 km	316,310	261,210	-17.4 ▼
2	CU 33 KV \ 3*240 mm <sup>2</sup> \ 1 km	364,130	307,140	-15.7 ▼
3	CU 132 KV \ 1*800 mm <sup>2</sup> \ 1 km	612,160	523,600	-14.5 ▼

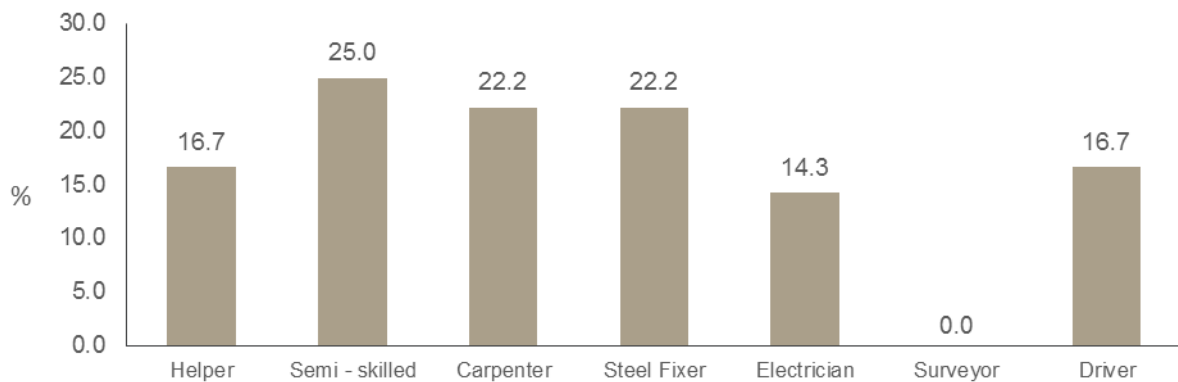
Source: Statistics Centre – Abu Dhabi

Some building materials items have seen an increase in August 2015 compared with August 2014:

### Employment

The average wages of 'Employment' increased by 16.5% in August 2015 compared with August 2014, as a result of increases in most items in this group.

**Figure 2: Percentage change in the average wages of the employment group during August 2015 compared with August 2014**



Source: Statistics Centre – Abu Dhabi

### Tiles and marble

The 'Tiles and marble' group increased by 10.7% in August 2015 compared with August 2014.

### Wood

The average prices of 'Wood' increased by 2.9% in August 2015 compared with August 2014, with most items in the group recording an increase.

**Table 4: Percentage change in monthly average prices of building materials for August 2015, compared with July 2015 and August 2014**

Serial No.	Commodity groups	Percentage change August 2015 / July 2015	Percentage change August 2015 / August 2014
1	<b>Cement</b>	-1.3	-1.4
2	<b>Aggregates and sand</b>	-6.3	-6.3
3	<b>Concrete</b>	0.0	-2.2
4	<b>Steel</b>	-5.6	-20.4
5	<b>Wood</b>	5.0	2.9
6	<b>Block</b>	-4.7	-4.7
7	<b>Roofing materials</b>	0.0	1.7
8	<b>Waterproofing products</b>	1.2	-16.3
9	<b>Waterproofing bituminous membrane</b>	n.a.	n.a.
10	<b>Natural stone</b>	0.0	-2.1
11	<b>Tiles and marble</b>	5.1	10.7
12	<b>Sanitary ware</b>		
12.1	Bathroom set without accessories	0.0	0.7
12.2	Bathroom set with accessories	0.0	-1.5
12.3	Sink stainless steel with mixer-single	0.0	0.0
13	<b>False ceiling</b>	-9.6	2.0
14	<b>Paints</b>	1.9	-0.1
15	<b>Glass</b>	3.6	1.3
16	<b>Pipes</b>		
16.1	(PVC) pipes	-4.7	-15.3
16.2	(uPVC) pipes	-1.0	-5.8
17	<b>Wires</b>		
17.1	Small building	2.7	1.3
17.2	Apartments	-2.0	-2.8
17.3	Residential towers	3.8	-2.0
18	<b>Power cable</b>	-3.4	-15.9
19	<b>Transport equipment</b>	0.0	-0.4
20	<b>Employment</b>	6.5	16.5
21	<b>Diesel</b>	-12.8	-12.8

(n.a.): means not available

Source: Statistics Centre – Abu Dhabi



## **Methodology of Building Material Statistics**

The current methodology for Building Materials Price Statistics including conceptual basis, construction of the basket, data collection, validation, processing procedures, averaging and treatment of missing values, and potential sources of error are described in the Building Materials Price Statistics 2014 publication, which is available on SCAD's website at <http://www.scad.ae>.

Building Materials Price Statistics, for September 2015 will be released on October 2015. For more information about prices and other official statistics, please visit the SCAD website at <http://www.scad.ae>.

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