



مركز الإحصاء  
STATISTICS CENTRE



# Building Materials

## Price Statistics

January 2016

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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 5). 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 January 2016 compared with December 2015 and January 2015. The key changes were:

- During January 2016 the average prices of the 'Pipes (PVC)', 'Wires for apartment' and 'Wires for small building' groups increased by 4.2%, 1.3% and 0.8% respectively, compared with December 2015.
- During January 2016 the average price of 'Employment' decreased by 14.1%, 'Diesel' by 12.0% and 'Waterproofing products' by 5.7% compared with December 2015.
- During January 2016 the average price of the 'False ceiling' group increased by 11.0%, 'Tiles and marble' by 8.4% and 'Glass' by 7.6% compared with January 2015.
- During January 2016, the average prices of 'Diesel', 'Steel' and 'Waterproofing products' decreased by 31.5%, 24.9% and 22.3% respectively, compared with the same period in the previous year.

## Key changes in the monthly average prices of building materials for January 2016 compared with December 2015

The increases in the average prices in January 2016 compared with December 2015, ranged between 0.1% for the 'Wires for residential towers' group and 4.2% for the 'Pipes (PVC)' group. Decreases ranging from 0.2% for 'Transport equipment' and 14.1% for the 'Employment' group were recorded.

### Employment

The average wages of 'Employment' decreased by 14.1% in January 2016 compared with December 2015. Table (1) shows changes in wages of 'Employment' during January 2016.

**Table 1: Percentage change in the average wages of the employment group during January 2016 compared with December 2015**

Serial No.	Employment	Average wages of December 2015 (AED/ h)	Average wages of January 2016 (AED/ h)	Percentage Change %	
1	Helper	9.0	8.0	-11.1	▼
2	Semi – skilled worker	9.5	8.5	-10.5	▼
3	Carpenter	10.0	9.0	-10.0	▼
4	Blacksmith	10.0	9.0	-10.0	▼
5	Electrician	15.0	14.0	-6.7	▼
6	Surveyor	25.0	18.0	-28.0	▼
7	Driver	25.0	20.0	-20.0	▼

Source: Statistics Centre – Abu Dhabi

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

### Diesel

The price of 'Diesel' decreased by 12.0% in January 2016 compared with December 2015.

**Table 2: Percentage change in the average price of Diesel during January 2016 compared with December 2015**

Serial No.	Diesel	Average price of December 2015 (AED)	Average price of January 2016 (AED)	Percentage Change %	
1	Diesel \ ADNOC \ Litre	1.83	1.61	-12.0	▼

Source: Statistics Centre – Abu Dhabi

### Waterproofing products

The average prices of 'Waterproofing products' decreased by 5.7% in January 2016 compared with December 2015, as a result of a decrease in some items in this group.

## Steel

The average prices of 'Steel' decreased by 4.2% in January 2016 compared with December 2015, as a result of an increase in most items in this group.

## Pipes (PVC)

The average prices of 'Pipes (PVC)' increased by 4.2% in January 2016 compared with December 2015.

## Wires

The average prices of 'Wires' increased in January 2016 compared with December 2015. 'Wires for apartment' accounted for the largest increase of 1.3%, followed by 'Small buildings' with 0.8% and 'Wires for residential towers' which increased by 0.1%.

## Key changes in the monthly average prices of building materials for January 2016 compared with January 2015

The monthly average prices for 13 groups of building materials have decreased in January 2016 compared with January 2015. The decreases ranged between 0.6% for 'Transport equipment' and 31.5% for 'Diesel'.

## Diesel

The price of 'Diesel' decreased by 31.5% in January 2016 compared with January 2015.

**Table 3: Percentage change in the average price of Diesel during January 2016 compared with January 2015**

Serial No.	Diesel	Average price of January 2015 (AED)	Average price of January 2016 (AED)	Percentage Change %
1	Diesel \ ADNOC \ Litre	2.35	1.61	-31.5 ▼

Source: Statistics Centre – Abu Dhabi

## Steel

The average prices of the 'Steel' group decreased by 24.9% in January 2016 compared with January 2015.

## Waterproofing products

The average prices of 'Waterproofing products' decreased by 22.3% in January 2016 compared with January 2015.

## Power cable

The average prices of 'Power cable' decreased by 12.0% in January 2016 compared with January 2015, as a result of a decrease in all items in this group.

**Table 4: Percentage change in the average prices of the power cable group during January 2016 compared with January 2015**

Serial No.	Power cable	Average prices of January 2015 (AED)	Average prices of January 2016 (AED)	Percentage Change %
1	CU 11 KV \ 3*240 mm <sup>2</sup> \ 1 km	282,130	243,160	-13.8 ▼
2	CU 33 KV \ 3*240 mm <sup>2</sup> \ 1 km	328,780	288,470	-12.3 ▼
3	CU 132 KV \ 1*800 mm <sup>2</sup> \ 1 km	554,780	499,210	-10.0 ▼

Source: Statistics Centre – Abu Dhabi

Some building materials items have seen an increase in January 2016 compared with January 2015:

#### False ceiling

The average prices of 'False ceiling' increased by 11.0% in January 2016 compared with January 2015.

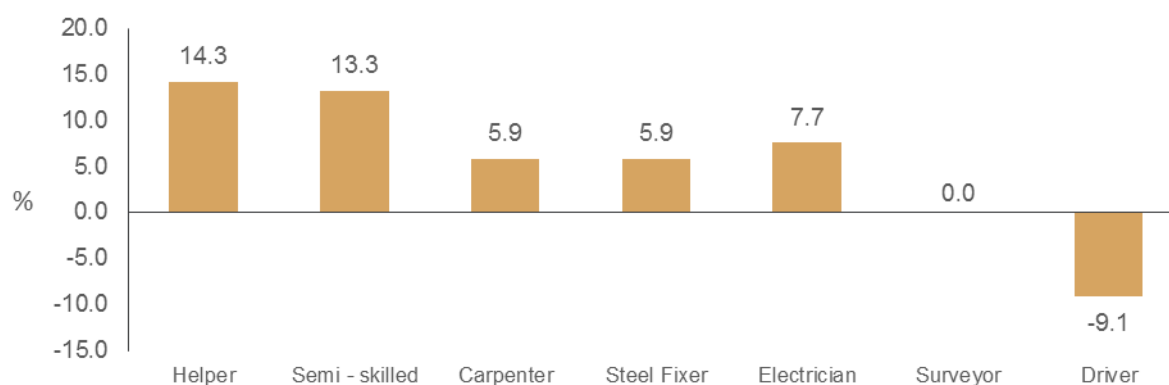
#### Tiles and marble

The 'Tiles and marble' group increased by 8.4% in January 2016 compared with January 2015.

#### Employment

The average wages of 'Employment' increased by 5.2% in January 2016 compared with January 2015, as a result of increases in most items in this group.

**Figure 1: Percentage change in the average wages of the employment group during January 2016 compared with January 2015**



Source: Statistics Centre – Abu Dhabi

**Table 5: Percentage change in monthly average prices of building materials for January 2016, compared with December 2015 and January 2015**

Serial No.	Commodity groups	Percentage change January 2016 / December 2015	Percentage change January 2016 / January 2015
1	<b>Cement</b>	0.0	-1.3
2	<b>Aggregates and sand</b>	0.0	-6.3
3	<b>Concrete</b>	0.0	0.0
4	<b>Steel</b>	-4.2	-24.9
5	<b>Wood</b>	-0.9	1.8
6	<b>Block</b>	0.0	-4.7
7	<b>Roofing materials</b>	0.0	0.0
8	<b>Waterproofing products</b>	-5.7	-22.3
9	<b>Waterproofing bituminous membrane</b>	n.a.	n.a.
10	<b>Natural stone</b>	0.0	-5.9
11	<b>Tiles and marble</b>	0.0	8.4
12	<b>Sanitary ware</b>		
12.1	Bathroom set without accessories	0.0	3.8
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>	0.0	11.0
14	<b>Paints</b>	0.0	4.6
15	<b>Glass</b>	0.0	7.6
16	<b>Pipes</b>		
16.1	(PVC) pipes	4.2	-5.6
16.2	(uPVC) pipes	-1.1	-12.0
17	<b>Wires</b>		
17.1	Small building	0.8	5.9
17.2	Apartments	1.3	0.0
17.3	Residential towers	0.1	-3.6
18	<b>Power cable</b>	-1.7	-12.0
19	<b>Transport equipment</b>	-0.2	-0.6
20	<b>Employment</b>	-14.1	5.2
21	<b>Diesel</b>	-12.0	-31.5

(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 February 2016 will be released on March 2016. For more information about prices and other official statistics, please visit the SCAD website at <http://www.scad.ae>.

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