



مركز الإحصاء
STATISTICS CENTRE

Building Materials Price Statistics

2015

December

Fourth Quarter

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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 December 2015 compared with November 2015 and December 2014, and during the fourth quarter of 2015 compared with the third quarter of 2015 and fourth quarter of 2014. The key changes were:

- During December 2015 the average prices of the 'Tiles and marble', 'False ceiling' and 'Steel' groups increased by 2.8%, 1.1% and 0.2% respectively, compared with November 2015.
- During December 2015 the price of 'Employment' decreased by 14.0%, 'Paints' by 3.8% and 'Diesel' by 2.1% compared with November 2015.
- During December 2015 the average price of the 'Employment' group increased by 11.5%, 'False ceiling' by 11.0% and 'Tiles and marble' by 8.6% compared with December 2014.
- During December 2015, the average prices of 'Steel', 'Diesel' and 'Waterproofing products' decreased by 22.8%, 22.1% and 19.7% respectively, compared with the same period in the previous year.
- During the fourth quarter of 2015 compared with the third quarter of 2015, the average price of the 'Wires for small building' group increased by 6.8%, 'Employment' by 4.7% and 'Wires for apartment' by 2.6%. The average prices of 'Diesel', '(uPVC) Pipes' and 'Steel' decreased by 10.0%, 9.4%, and 6.8% respectively.
- During the fourth quarter of 2015 compared with the same period in the previous year, the average prices of 'Employment', 'False ceiling' and 'Tiles and marble' increased by 16.0%, 10.6% and 8.8% respectively. The average prices of 'Steel', 'Diesel' and 'Waterproofing products' fell by 23.5%, 20.7% and 19.5% respectively.

Key changes in the monthly average prices of building materials for December 2015 compared with November 2015

The increases in the average prices in December 2015 compared with November 2015, ranged between 0.2% for the 'Steel' group and 2.8% for the 'Tiles and marble' group. Decreases ranging from 0.2% for 'Wires for small building' and 14.0% for the 'Employment' group were recorded.

Employment

The average wages of 'Employment' decreased by 14.0% in December 2015 compared with November 2015. Table (1) shows changes in wages of 'Employment' during December 2015.

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

Serial No.	Employment	Average wages of November 2015 (AED/ h)	Average wages of December 2015 (AED/ h)	Percentage Change %	
1	Helper	10.0	9.0	-10.0	▼
2	Semi – skilled worker	10.5	9.5	-9.5	▼
3	Carpenter	13.0	10.0	-23.1	▼
4	Blacksmith	12.0	10.0	-16.7	▼
5	Electrician	18.0	15.0	-16.7	▼
6	Surveyor	28.0	25.0	-10.7	▼
7	Driver	28.0	25.0	-10.7	▼

Source: Statistics Centre – Abu Dhabi

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

Paints

The average prices of 'Paints' decreased by 3.8% in December 2015 compared with November 2015.

Diesel

The price of 'Diesel' decreased by 2.1% in December 2015 compared with November 2015.

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

Serial No.	Diesel	Average price of November 2015 (AED)	Average price of December 2015 (AED)	Percentage Change %	
1	Diesel \ ADNOC \ Litre	1.87	1.83	-2.1	▼

Source: Statistics Centre – Abu Dhabi

Power cable

The average prices of 'Power cable' decreased by 1.5% in December 2015 compared with November 2015, 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 December 2015 compared with November 2015

Serial No.	Power cable	Average prices of November 2015 (AED)	Average prices of December 2015 (AED)	Percentage Change %
1	CU 11 KV \ 3*240 mm ² \ 1 km	253,110	247,960	-2.0 ▼
2	CU 33 KV \ 3*240 mm ² \ 1 km	298,760	293,430	-1.8 ▼
3	CU 132 KV \ 1*800 mm ² \ 1 km	510,690	507,160	-0.7 ▼

Source: Statistics Centre – Abu Dhabi

Tiles and marble

The average prices of 'Tiles and marble' increased by 2.8% in December 2015 compared with November 2015, as a result of an increase in some items in this group.

False ceiling

The average prices of 'False ceiling' increased by 1.1% in December 2015 compared with November 2015, as a result of an increase in most items in this group.

Steel

The average prices of 'Steel' increased by 0.2% in December 2015 compared with November 2015.

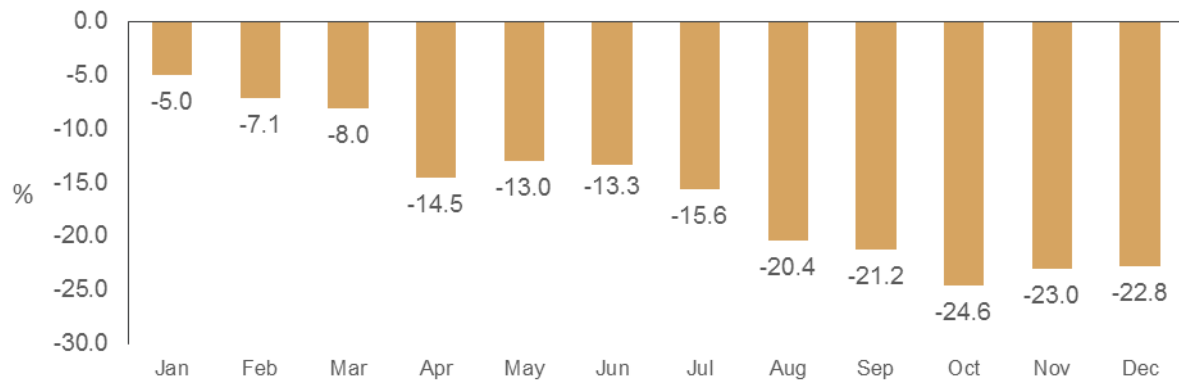
Key changes in the monthly average prices of building materials for December 2015 compared with December 2014

The monthly average prices for 15 groups of building materials have decreased in December 2015 compared with December 2014. The decreases ranged between 0.4% for 'Transport equipment' and 22.8% for 'Steel'.

Steel

The average prices of the 'Steel' group decreased by 22.8% in December 2015 compared with December 2014.

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



Source: Statistics Centre – Abu Dhabi

Diesel

The price of 'Diesel' decreased by 22.1% in December 2015 compared with December 2014.

Waterproofing products

The average prices of 'Waterproofing products' decreased by 19.7% in December 2015 compared with December 2014.

Power cable

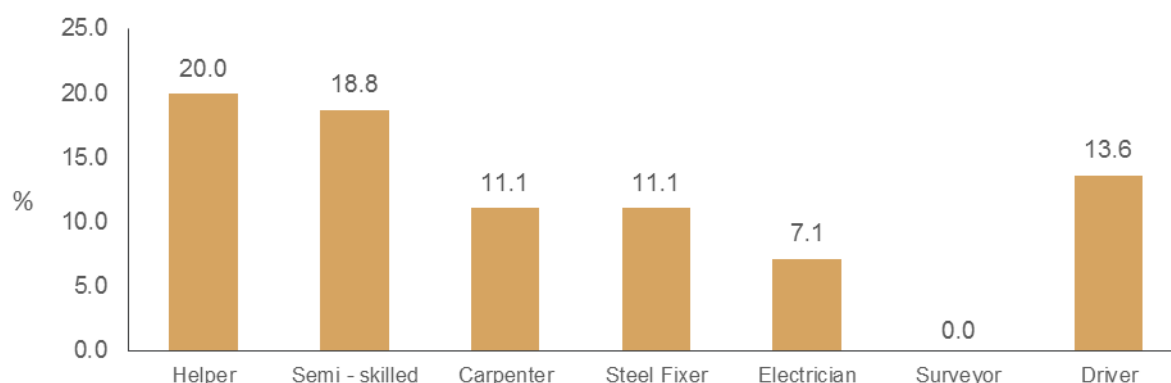
The average prices of 'Power cable' decreased by 15.1% in December 2015 compared with December 2014, as a result of a decrease in all items in this group.

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

Employment

The average wages of 'Employment' increased by 11.5% in December 2015 compared with December 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 December 2015 compared with December 2014



Source: Statistics Centre – Abu Dhabi

False ceiling

The average prices of 'False ceiling' increased by 11.0% in December 2015 compared with December 2014.

Tiles and marble

The 'Tiles and marble' group increased by 8.6% in December 2015 compared with December 2014.

Building materials prices for Q4 2015 compared with Q3 2015

Most of the commodity groups of building materials recorded higher average prices during Q4 2015 compared with Q3 2015.

Increases ranged between 1.0% for 'Paints' and 6.8% for the 'Wires for small building' group. While the average price for some groups showed no change in Q4 2015 compared with Q3 2015.

A number of commodity group prices decreased in Q4 2015 compared with Q3 2015, the average prices of 'Diesel' decreased by 10.0%, while '(uPVC) Pipes', 'Steel' and 'Power cable' groups decreased by 9.4%, 6.8% and 3.4% respectively.

Building materials prices for Q4 2015 compared with Q4 2014

The average prices of building materials showed variations with some increasing during Q4 2015 compared with Q4 2014.

The price increases ranged between 2.5% for the 'Wood' and 'Glass' groups and 16.0% for 'Employment'. In addition, 'False ceiling' increased by 10.6%, 'Tiles and marble' by 8.8% and also 'Paints' by 5.3%.

Decreases ranged between 0.4% for 'Transport equipment' and 23.5% for 'Steel', while 'Diesel' decreased by 20.7% and 'Waterproofing products' by 19.5%.

Table 4: Percentage change in monthly average prices of building materials for December 2015, compared with November 2015 and December 2014

Serial No.	Commodity groups	Percentage change December 2015 / November 2015	Percentage change December 2015 / December 2014
1	Cement	0.0	-1.4
2	Aggregates and sand	0.0	-6.3
3	Concrete	0.0	-2.2
4	Steel	0.2	-22.8
5	Wood	0.0	3.6
6	Block	0.0	-4.7
7	Roofing materials	0.0	0.0
8	Waterproofing products	-0.9	-19.7
9	Waterproofing bituminous membrane	n.a.	n.a.
10	Natural stone	0.0	-2.1
11	Tiles and marble	2.8	8.6
12	Sanitary ware	0.0	
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	False ceiling	1.1	11.0
14	Paints	-3.8	3.0
15	Glass	0.0	3.1
16	Pipes		
16.1	(PVC) pipes	0.0	-6.6
16.2	(uPVC) pipes	-1.1	-9.9
17	Wires		
17.1	Small building	-0.2	5.4
17.2	Apartments	-0.7	-3.1
17.3	Residential towers	0.0	-3.3
18	Power cable	-1.5	-15.1
19	Transport equipment	0.0	-0.4
20	Employment	-14.0	11.5
21	Diesel	-2.1	-22.1

(n.a.): means not available

Source: Statistics Centre – Abu Dhabi

Table 5: Percentage change in the quarterly average prices of building materials for Q4 2015, compared with Q3 2015 and Q4 2014.

Serial No.	Commodity groups	Percentage change Q4 2015 / Q3 2015	Percentage change Q4 2015 / Q4 2014
1	Cement	-0.4	-1.4
2	Aggregates and sand	-2.1	-6.3
3	Concrete	0.0	-2.2
4	Steel	-6.8	-23.5
5	Wood	1.5	2.5
6	Block	-1.6	-4.7
7	Roofing materials	-1.1	0.0
8	Waterproofing products	-3.3	-19.5
9	Waterproofing bituminous membrane	n.a.	n.a.
10	Natural stone	0.0	-2.1
11	Tiles and marble	1.6	8.8
12	Sanitary ware		
12.1	Bathroom set without accessories	2.5	2.9
12.2	Bathroom set with accessories	0.0	-1.5
12.3	Sink stainless steel with mixer-single	0.0	0.0
13	False ceiling	2.1	10.6
14	Paints	1.0	5.3
15	Glass	1.2	2.5
16	Pipes		
16.1	(PVC) pipes	1.8	-6.4
16.2	(uPVC) pipes	-9.4	-10.1
17	Wires		
17.1	Small building	6.8	4.2
17.2	Apartments	2.6	-2.7
17.3	Residential towers	2.3	-4.3
18	Power cable	-3.4	-14.6
19	Transport equipment	0.0	-0.4
20	Employment	4.7	16.0
21	Diesel	-10.0	-20.7

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

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