



مركز الإحصاء - أبوظبي  
STATISTICS CENTRE - ABU DHABI

# **Building Materials Price Statistics November 2012**

December 12<sup>th</sup>, 2012

Statistics Centre- Abu Dhabi

## **Introduction**

The monthly bulletin of Building Materials Price Statistics is of great significance; building material prices are deemed to be important economic indicators for planning and research in various fields; they can also be used in the compilation of indices of the construction activity, and are thus used in 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 6). 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 November 2012 compared with October 2012 and November 2011. The key changes were:

▲ During November 2012 the average prices of the “Glass”, “Cement”, “Concrete”, “Steel” and “Roofing Materials” groups increased by 5.6%, 2.4%, 2.2%, 1.8% and 1.8% respectively, compared with October 2012.

▼ During November 2012 the average prices of the “Employment” group decreased by 9.3%, “Wires for small building” decreased by 3.4%, “Wires for residential towers” by 3.2%, “Power cable” by 2.6% and “False ceiling” by 2.1% compared with October 2012.

▲ During November 2012 the average prices of “Glass” increased by 18.1%, “Sanitary ware- bathroom set without accessories” by 10.8%, “Tiles and marble” by 6.8%, “Cement” by 5.9% and “Waterproofing products” by 4.6% compared with November 2011.

▼ During November 2012, the average prices of “Wires for apartments”, “Wires for residential towers”, “Wires for small building”, “PVC Pipes”, and “Steel” decreased by 20.2%, 15.6%, 14.1%, 10.2% and 6.9% respectively, compared with the same period in the last year.








## 1. Key changes in the monthly average prices of building materials for November 2012 compared with October 2012

The building materials groups have seen a change in the average prices in November 2012 compared with October 2012, with increases ranging between 0.3% for the “Wood” group and 5.6% for the “Glass” group. Declines of 0.4% for the “Paints” group, and 9.3% for the “Employment” group were recorded.

### Employment

The average wages of “Employment” decreased by 9.3% in November 2012 compared with October 2012. Table (1) indicates that decreases of the employment group ranged between 5.9% for “Semi – skilled worker” and 16.7% for both “Carpenters” and “Blacksmiths”.

Table (1): Percentage change in the average prices of the employment group

Serial	Employment	Average prices of October 2012 (AED)	Average prices of November 2012 (AED)	Percentage Change %
1	Helper \ Hourly rates	8.0	8.0	0.0 
2	Semi – skilled worker \ Hourly rates	8.5	8.0	-5.9 
3	Carpenter \ Hourly rates	12.0	10.0	-16.7 
4	Blacksmith \ Hourly rates	12.0	10.0	-16.7 
5	Electrician \ Hourly rates	16.0	14.0	-12.5 
6	Surveyor \ Hourly rates	25.0	22.0	-12.0 
7	Driver \ Hourly rates	25.0	25.0	0.0 




Source: Statistics Centre – Abu Dhabi

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

### Power cable

The average prices of “Power cable” decreased by 2.6% in November 2012, as a result of decreases in all items in this group.

Table (2): Percentage change in the average prices of the power cable group

Serial	Power cable	Average prices of October 2012 (AED)	Average prices of November 2012 (AED)	Percentage Change %
1	CU 11 KV \ 3*240 mm <sup>2</sup> \ 1 km	347,080.0	336,280.0	-3.1 
2	CU 33 KV \ 3*240 mm <sup>2</sup> \ 1 km	395,960.0	384,790.0	-2.8 
3	CU 132 KV \ 1*800 mm <sup>2</sup> \ 1 km	648,090.0	635,360.0	-2.0 

Source: Statistics Centre – Abu Dhabi

## Glass

The “Glass” group increased by 5.6% in November 2012, as a result of an increase in the “Mirror Glass\ 4 mm\ m<sup>2</sup>\ Saudi Arabia“ by 24.1% and in the “Glass\ 4 mm\ m<sup>2</sup>\ Saudi Arabia” by 5.6% compared with October 2012.

Table (3) Percentage change in the average prices of the glass group

Serial	Glass	Average prices of October 2012 (AED)	Average prices of November 2012 (AED)	Percentage Change %
1	Glass \ 4 mm \ m <sup>2</sup> \ Saudi Arabia	45.0	47.5	5.6 ▲
2	Glass \ 6mm \ m <sup>2</sup> \ Saudi Arabia	62.5	62.5	0.0 —
3	Tinted Glass \ 6 mm \ m <sup>2</sup> \ Saudi Arabia	70.0	70.0	0.0 —
4	Mirror Glass \ 4 mm \ m <sup>2</sup> \ Saudi Arabia	72.5	90.0	24.1 ▲
5	Mirror Glass \ 6 mm \ m <sup>2</sup> \ Saudi Arabia	100.0	100.0	0.0 —

Source: Statistics Centre – Abu Dhabi

## Cement

Table (4) shows an increase in the average prices of the “Cement” group by 2.4% in November 2012 compared with October 2012, due to the increase in “Sulphate Resistance\ Al- Etihad\ Ton\ U.A.E.” by 15.4%.

Table (4): Percentage change in the average prices of the cement group

Serial	Cement	Average prices of October 2012 (AED)	Average prices of November 2012 (AED)	Percentage Change %
1	Sulphate Resistance \ Al- Etihad \ Ton \ U.A.E.	260.0	300.0	15.4 ▲
2	Sulphate Resistance \ Emirates \ Ton \ U.A.E.	-	300.0	- -
3	Portland Cement \ Al- Etihad \ Ton \ U.A.E.	260.0	260.0	0.0 —
4	White Cement \ Ras Al khaima \ Ton \ U.A.E.	-	700.0	- -
5	Lime \ Oman \ Ton \ Oman	1,250.0	1,250.0	0.0 —
6	Gypsum \ Oman \ Ton \ Oman	442.0	430.0	-2.7 ▼

Source: Statistics Centre – Abu Dhabi

(-): means that the price is not available.

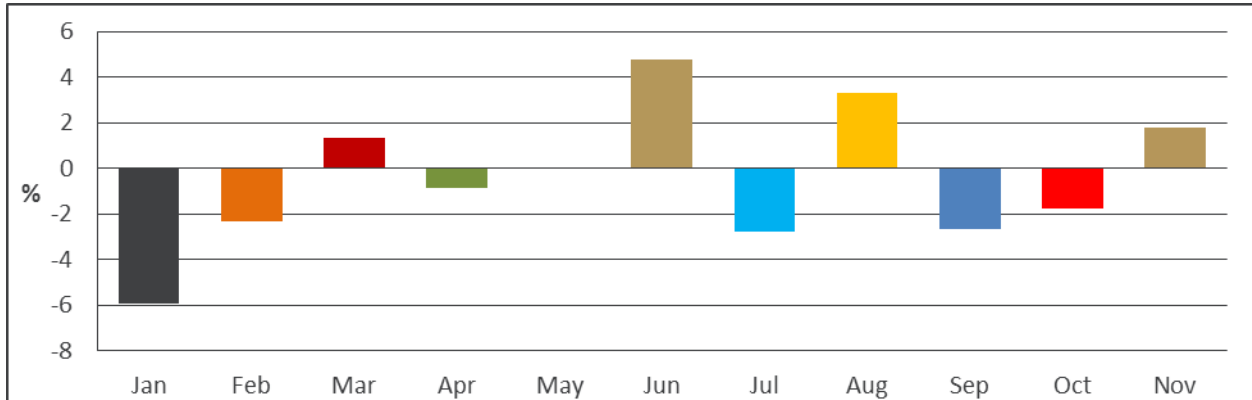
## Wires

The average prices for “Wires for small building” and “Residential towers” decreased by 3.4% and 3.2%, while the average prices for “Wires for apartments” increased by 1.5%.

## Steel

The average prices of “Steel” increased by 1.8% in November 2012, as most items in this group increased between 0.1% for “Steel\ Hightensile Steel\ Ton\ Turkey” and 11.1% for “Steel\ Beams Steel\ Big\ Ton\ Korea & Japan”.

Figure (1): Percentage change in the average prices of the steel group during 2012



Source: Statistics Centre – Abu Dhabi

## Concrete

The average prices of the “Concrete” group increased by 2.2% in November 2012, as a result of the increases in all items in this group.

Table (5): Percentage change in the average prices of the Concrete group

Serial	Concrete	Average prices of October 2012 (AED)	Average prices of November 2012 (AED)	Percentage Change %
1	Concrete Ready Mix \ Normal (Neutin 40) \ m <sup>3</sup> \ U.A.E.	220.0	225.0	2.3 ▲
2	Concrete Ready Mix \ Sulphate Resistance \ m <sup>3</sup> \ U.A.E.	225.0	230.0	2.2 ▲

Source: Statistics Centre – Abu Dhabi

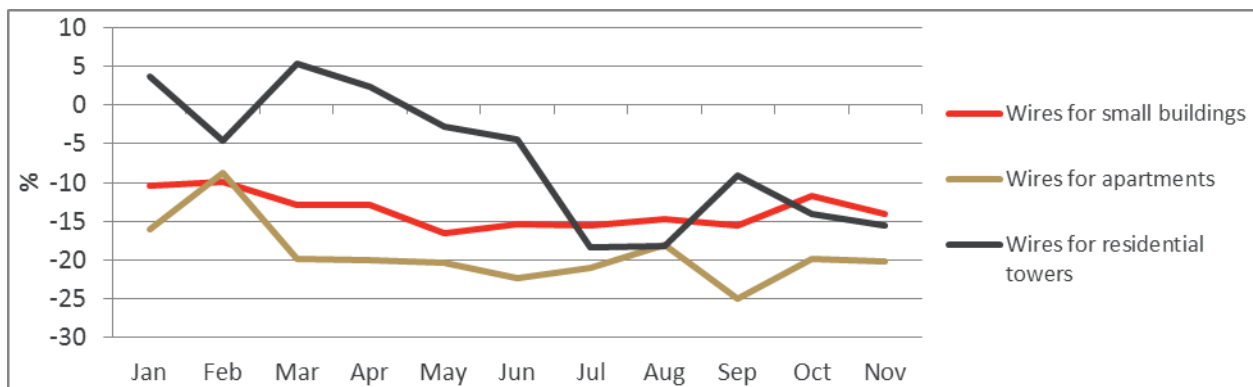
## 2. Key changes in the monthly average prices of building materials for November 2012 compared with November 2011

The monthly average prices for 12 groups of building materials have decreased in November 2012 compared with November 2011. The drop ranged between 0.7% for “Paints” and 20.2% for “Wires for apartments”.

### Wires

The average prices of “Wires” decreased in November 2012 compared with November 2011. “Wires for apartments” accounted for the largest decrease of 20.2%, while “Wires for residential towers” and “Small buildings” decreased by 15.6% and 14.1% respectively.

Figure (2): Percentage change in the average prices of the wires group (first eleven months of 2012 compared with the same period in 2011)



Source: Statistics Centre – Abu Dhabi

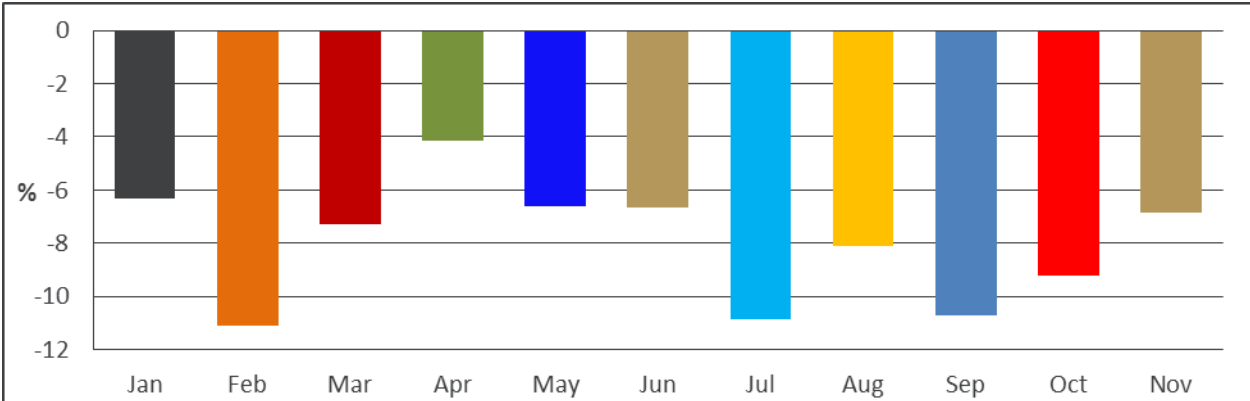
### Pipes

The average prices of (PVC) Pipes decreased by 10.2% in November 2012, as most items in this group decreased between 2.3% for “PVC Pipes\ 1/2 inch\ 6m\ U.A.E.” and 16.7% for “PVC Pipes\ 2 inch\ 6m\ U.A.E.”. During November average prices of (uPVC) Pipes decreased by 1.0%.

**Steel**

The average price of “Steel” decreased by 6.9%, with declines in the items between the range of 2.6% and 13.7%. The group has maintained a level of decline since the beginning of the year.

Figure (3): Percentage change in the average prices of the steel group (first eleven months of 2012 compared with the same period in 2011)



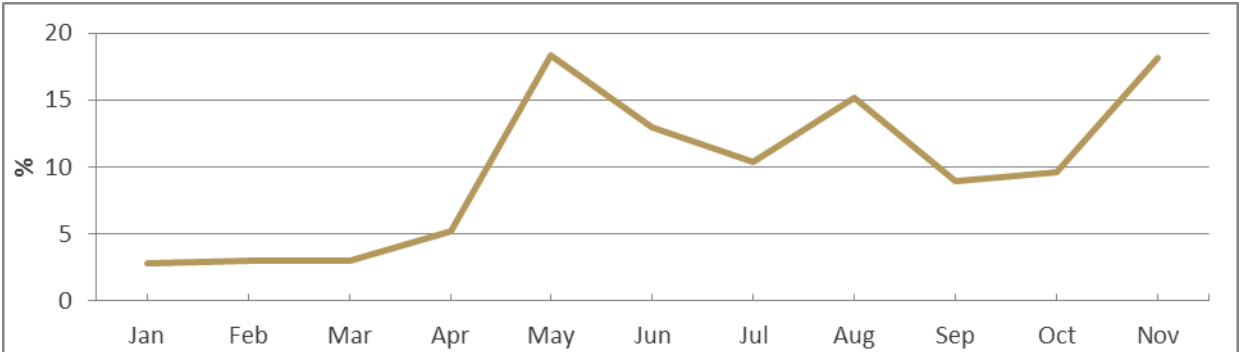
Source: Statistics Centre – Abu Dhabi

**Some building materials items have seen an increase in November 2012 compared with November 2011**

**Glass**

The average prices of the “Glass” group increased by 18.1% in November 2012 compared with November 2011. During the first eleven months of 2012, the increases ranged between 2.8% in January and 18.3% in May compared with the same period in the previous year.

Figure (4): Percentage change in the average prices of the glass group (first eleven months of 2012 compared with the same period in 2011)



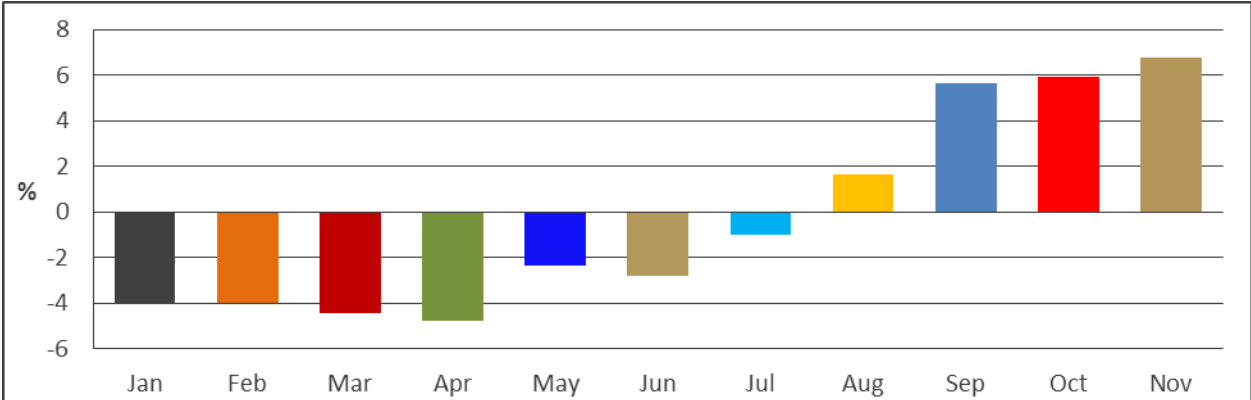
Source: Statistics Centre – Abu Dhabi



**Tiles and marble**

The average prices of “Tiles and marble” increased by 6.8% in November 2012 compared with November 2011.

Figure (5): Percentage change in the average prices of the tiles and marble group (first eleven months of 2012 compared with the same period in 2011)

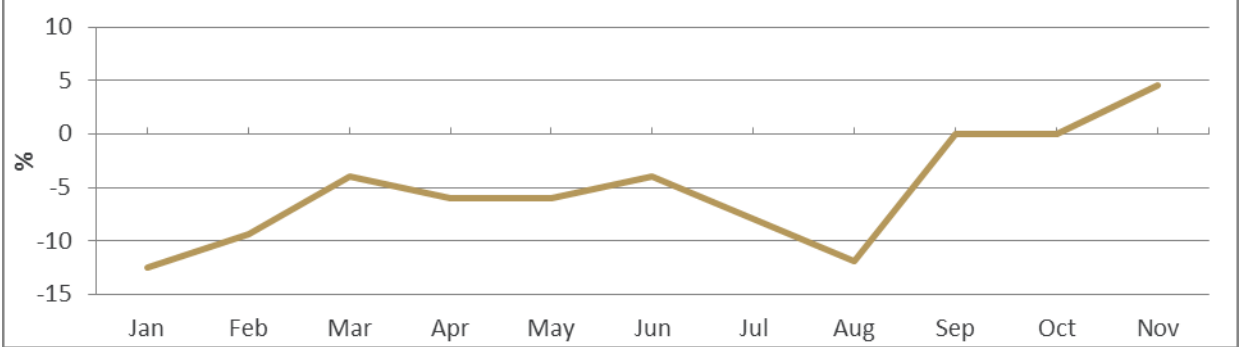


Source: Statistics Centre – Abu Dhabi

**Concrete**

The average prices of “Concrete” increased by 4.6%, with all items in the group recorded an increase.

Figure (6): Percentage change in the average prices of the concrete group (first eleven months of 2012 compared with the same period in 2011)



Source: Statistics Centre – Abu Dhabi

**Table (6): Percentage change in the monthly average prices of building materials for November 2012, compared with October 2012 and November 2011.**

Serial No.	Commodity groups	Percentage change October 2012 / November 2012	Percentage change November 2011 / November 2012
1	<b>Cement</b>	2.4	5.9
2	<b>Aggregates and sand</b>	0.0	-2.4
3	<b>Concrete</b>	2.2	4.6
4	<b>Steel</b>	1.8	-6.9
5	<b>Wood</b>	0.3	-3.8
6	<b>Block</b>	0.0	0.6
7	<b>Roofing materials</b>	1.8	0.0
8	<b>Waterproofing products</b>	-1.5	3.1
9	<b>Waterproofing bituminous membrane</b>	N/A	N/A
10	<b>Natural stone</b>	0.0	0.0
11	<b>Tiles and marble</b>	-1.7	6.8
12	<b>Sanitary ware</b>		
12	Bathroom set without accessories	0.0	10.8
12	Bathroom set with accessories	0.0	3.1
12	Sink stainless steel with mixer-single	-0.4	-1.7
13	<b>False ceiling</b>	-2.1	-1.0
14	<b>Paints</b>	-0.4	-0.7
15	<b>Glass</b>	5.6	18.1
16	<b>Pipes</b>		
16	(PVC) pipes	0.4	-10.2
16	(uPVC) pipes	-1.0	-1.0
17	<b>Wires</b>		
17	Small building	-3.4	-14.1
17	Apartments	1.5	-20.2
17	Residential towers	-3.2	-15.6
18	<b>Power cable</b>	-2.6	1.4
19	<b>Transport equipment</b>	-0.8	4.4
20	<b>Employment</b>	-9.3	-1.6
21	<b>Diesel</b>	0.0	0.0

Source: Statistics Centre – Abu Dhabi

(N/A): mean not available

## **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 2011 publication, which is available on SCAD's website at <http://www.scad.ae>.

Building Materials Price Statistics, for December 2012 will be released on 12 January 2013. For more information about prices and other official statistics, please visit the SCAD website at <http://www.scad.ae>.

## **Disclaimer**

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