



مركز الإحصاء - أبوظبي  
STATISTICS CENTRE - ABU DHABI

# **Building Materials Price Statistics September, 2012 and Third quarter, 2012**

October 10<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 bulletin includes the movement of prices of 21 groups from the key building groups, which 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 and that rely on it.

## Key Points

This bulletin provides an analysis of the movement of the average prices of building materials during the month of September 2012 compared with August 2012 and September 2011, and during the third quarter of 2012 compared with the second quarter of 2012 and third quarter of 2011. The key changes were:

- During September 2012 the average prices of the “Power cable”, “Cement”, “Tiles and marble”, “Glass”, and “Wires for residential towers” groups increased by 4.8%, 4.3%, 4.0%, 3.7% and 3.1% respectively, compared with August 2012.
- During September 2012 the average prices of the “Wires for apartments” group decreased by 9.5%, while “Wires for small building” group decreased by 6.8%, “Waterproofing products” by 5.6%, “Sanitary ware- sink stainless steel with mixer-single” by 4.9% and “Steel” by 2.7% compared with August 2012.
- During September 2012 the average prices of “Waterproofing products” increased by 15.7%, “Sanitary ware- bathroom set without accessories” by 11.8%, “Glass” by 9.0%, “Sanitary ware- sink stainless steel with mixer-single” by 7.0% and “Cement” by 6.0% compared with September 2011.
- During September 2012, the average prices of “Wires for apartments”, “Wires for small building”, “PVC Pipes” and “Steel” decreased by 25.0%, 15.5%, 15.2% and 10.7% respectively, compared with the same period in the last year.
- During the third quarter of 2012, the average price of the “Employment” group increased by 10.5%, “Sanitary ware- bathroom set without accessories” by 5.6%, “Waterproofing products”, “Wood”, and “Steel” increased by 2.9%, 1.7% and 1.6% respectively. The average prices of Wires for Residential Towers, Wires for Apartments, Concrete, and Cement decreased by 9.6%, 5.6%, 5.6% and 4.6% respectively, compared with the second quarter of 2012.
- During the third quarter of 2012 compared with the same period in the previous year, the average prices of “Waterproofing products”, “Sanitary ware- bathroom set without accessories” and “Glass” increased by 17.9% and 12.6% and 11.5% respectively. The average prices of “Wires for apartments”, “Residential towers” and “Small buildings” fell by 21.4%, 15.3% and 15.2% respectively.

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

The building materials groups have seen a change in the average prices in September 2012, with increases ranging between 0.8% for the “False ceiling” group and 4.8% for the “Power cable” group. Declines were 1.7% for the “Roofing materials” group, and 9.5% for the “Wires for apartment” group compared with August 2012.

### Cement

The average prices of “Cement” increased by 4.3% in September 2012 compared with August 2012. Table (1) indicates that the reason for the rise was due to an increase in prices of both "Portland Cement \ Al- Etihad \ Ton \ U.A.E." by 18.2% and "Gypsum/ Oman/ ton/ Oman" by 8.3%.

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

Serial	Cement	Average prices of August 2012 (AED)	Average prices of September 2012 (AED)	Percentage Change %
1	Sulphate Resistance \ Al- Etihad \ Ton \ U.A.E.	-	300.0	- -
2	Sulphate Resistance \ Emirates \ Ton \ U.A.E.	300.0	-	- -
3	Portland Cement \ Al- Etihad \ Ton \ U.A.E.	220.0	260.0	18.2 ▲
4	White Cement \ Ras Al khaima \ Ton \ U.A.E.	700.0	700.0	0.0 ▬
5	Lime \ Oman \ Ton \ Oman	1,250.0	1250.0	0.0 ▬
6	Gypsum \ Oman \ Ton \ Oman	408.0	442.0	8.3 ▲

Source: Statistics Centre – Abu Dhabi

(-): mean not available

### Power cable

The average prices of “Power cable” increased by 4.8%, as a result of increases in all items in this group.

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

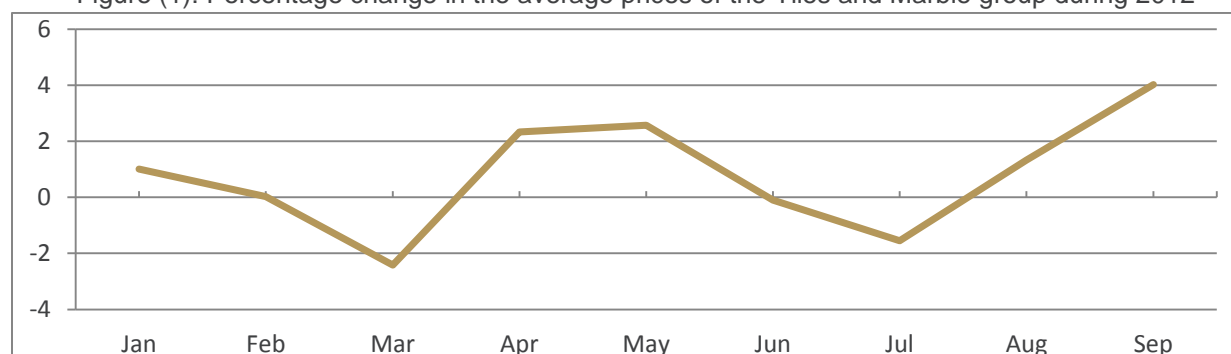
Serial	Power Cable	Average prices of August 2012 (AED)	Average prices of September 2012 (AED)	Percentage Change %
1	CU 11 KV \ 3*240 mm <sup>2</sup> \ 1 km	330,480.0	347,050.0	5.0 ▲
2	CU 33 KV \ 3*240 mm <sup>2</sup> \ 1 km	378,790.0	395,930.0	4.5 ▲
3	CU 132 KV \ 1*800 mm <sup>2</sup> \ 1 km	618,170.0	648,610.0	4.9 ▲

Source: Statistics Centre – Abu Dhabi

## Tiles and marble

The average price of the “Tiles and marble” group increased by 4.0% in September 2012, with all items within this group showing increases of between 0.5% and 19.1%.

Figure (1): Percentage change in the average prices of the Tiles and Marble group during 2012



Source: Statistics Centre – Abu Dhabi

## Steel

The average prices of “Steel” decreased by 2.7% in September 2012, as most items in this group decreased between 1.4% for “Steel\ Beams Steel\ Big\ Ton\ Korea & Japan” and 11.7% for “B.R.C. Mesh\ 6 mm (142)\ Piece\ U.A.E.”.

## Waterproofing products

The price index of “Waterproofing products” decreased by 4.4% in September 2012 compared with August 2012, with all items within this group showing a decrease.

Table (3): Percentage change in the average prices of the waterproofing products group

Serial	Cement	Average prices of August 2012 (AED)	Average prices of September 2012 (AED)	Percentage Change %
1	Bitumen \ Waterproofing (D540) \ Saudi Arabia	155.0	135.0	-12.9 ▼
2	Bitumen \ Waterproofing (D540M) Aggregates \ Saudi Arabia	165.0	145.0	-12.1 ▼
3	Bitumen \ 60 \ 70 \ Ton	2,380.0	2300.0	-3.4 ▼
4	Bitumen \ Oxidized Hot (115\15) primer 180 kg \ Saudi Arabia	850.0	850.0	0.0 —
5	Bitumen \ Oxidized Cold (Primer D 41) 20 liter \ Saudi Arabia	150.0	150.0	0.0 —
6	Bitumen \ 40 \ 50 \ Ton	2,550.0	2445.0	-4.1 ▼

Source: Statistics Centre – Abu Dhabi

## Wires

The average prices for “Wires for apartments” and “Small building” decreased by 9.5% and 6.8%, while the average prices for “Wires for residential towers” increased by 3.1%.

## Glass

The average prices of “Glass” increased by 3.7% in September 2012, due to increased prices for “Clear glass / Saudi Arabia”.

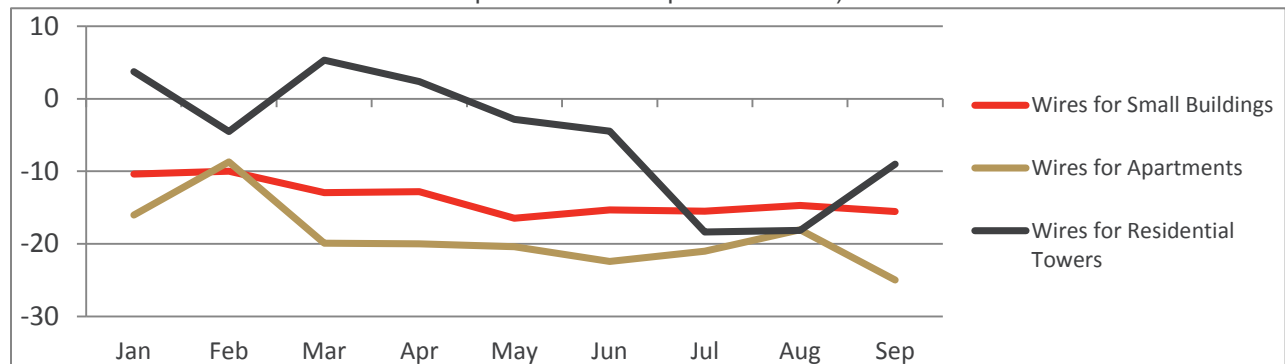
## 2. Key changes in the monthly average prices of building materials for September 2012 compared with September 2011

The monthly average price for 13 groups of building materials have decreased in September 2012 compared with September 2011. The declines ranged between 0.1% for “Aggregates and sand” and 25.0% for “Wires for apartments”.

## Wires

The average prices of “Wires” decreased in September 2012 compared with September 2011. “Wires for apartments” accounted for the largest decrease of 25.0%, while “Wires for small buildings” and “Residential towers” decreased by 15.0% and 9.0% respectively.

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

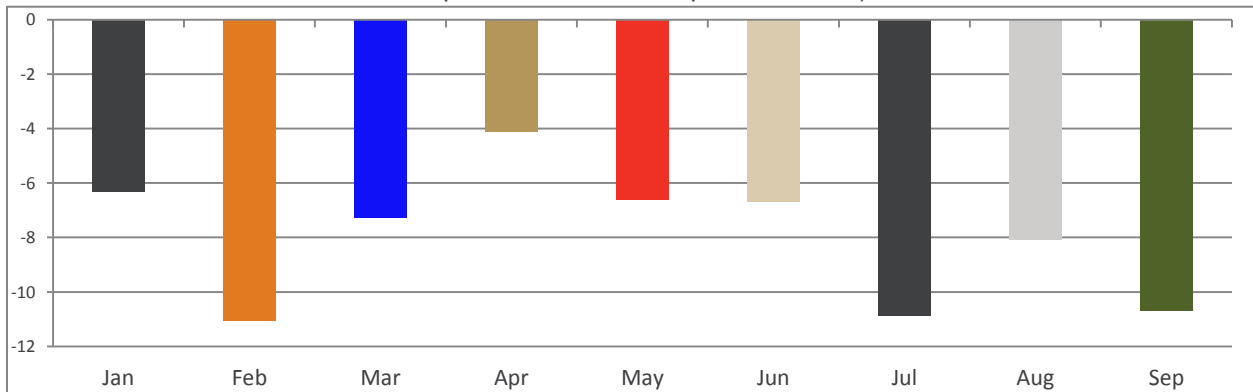


Source: Statistics Centre – Abu Dhabi

## Steel

The average price of “Steel” decreased by 10.7%, with declines in the items between the range of 6.1% and 23.3%. 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 nine months of 2012 compared with the same period in 2011)



Source: Statistics Centre – Abu Dhabi

## Some building materials items have seen an increase in September 2012 compared with September 2011

### Waterproofing products

The average prices of “Waterproofing products” increased by 15.7%, with most items within the group experiencing an increase.

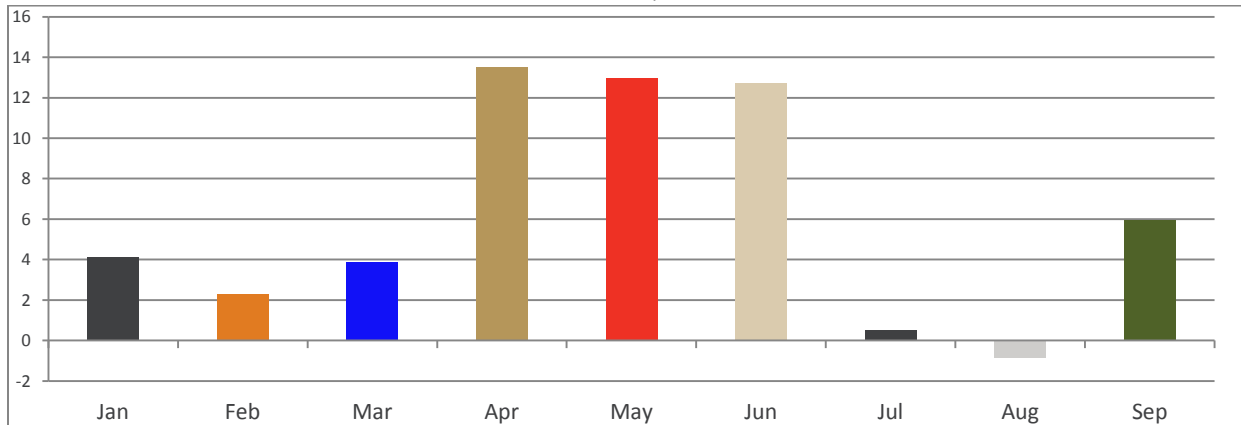
### Glass

The average prices of the “Glass” group increased by 9.0% in September 2012 compared with September 2011. During the first nine 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.

### Cement

The average prices of “Cement” increased by 6.0% in September 2012 compared with September 2011.

Figure (4): Price index of the cement group (first nine months of 2012 compared with the same period in 2011)



Source: Statistics Centre – Abu Dhabi

## Sanitary ware

The average prices of the “Sanitary ware- bathroom set without accessories” and “Sanitary ware- sink stainless steel with mixer-single” groups increased by 11.8% and 7.0% respectively. Meanwhile average prices of the “Sanitary ware- bathroom set with accessories” group decreased by 0.8% compared with September 2011.

### 3. Building materials prices for Q3 2012 compared with Q2 2012

Most of the commodity groups of building materials recorded higher average prices during Q3 2012 compared with Q2 2012.

Increases ranged between 0.3 per cent for “False ceiling” and 10.5 per cent for the “Employment” group.

The average price for “Diesel”, “Natural stone”, and “Sanitary ware- bathroom set with accessories” showed no change in Q3 2012 compared with Q2 2012.

A number of commodity group prices decreased in Q3 2012 compared with Q2 2012. The average prices of “Wires for residential towers” decreased by 9.6 per cent, “Wires for apartments” and “Concrete” by 5.6 per cent for each, while “Cement” and “uPVC pipes” decreased by 4.6 per cent and 2.6 per cent respectively.



#### **4. Building materials prices for Q3 2012 compared with Q3 2011**

The average prices of building materials showed variations with most decreasing during Q3 2012 compared with Q3 2011.

The price decreases ranged between 0.3 per cent for “Sanitary ware- bathroom set with accessories” and 21.4 per cent for “Wires for apartments”. In addition, “Wires for residential towers” decreased by 15.3 per cent, “Wires for small buildings” by 15.2 per cent, “PVC Pipes” by 14.7 per cent and “Steel” by 9.9 per cent.

Increases ranged between 0.7 per cent for “Block” and 17.9 per cent for “Waterproofing products”. While “Sanitary ware- bathroom set without accessories” increased by 12.6 per cent and “Glass” by 11.5 per cent.

The average price for “Diesel” stabilized during Q3 2012, compared with Q3 2011.

**Table (4): Percentage change in the monthly average prices of building materials for September 2012, compared with August 2012 and September 2011.**

Serial No.	Commodity groups	Percentage change August 2012 / September 2012	Percentage change September 2011 / September 2012
1	<b>Cement</b>	4.3	6.0
2	<b>Aggregates and sand</b>	0.0	-0.1
3	<b>Concrete</b>	0.0	0.0
4	<b>Steel</b>	-2.7	-10.7
5	<b>Wood</b>	-0.3	-1.1
6	<b>Block</b>	0.0	0.1
7	<b>Roofing materials</b>	-1.7	-1.7
8	<b>Waterproofing products</b>	-5.6	15.7
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>	4.0	5.7
12	<b>Sanitary ware</b>		
12	Bathroom set without accessories	0.8	11.8
12	Bathroom set with accessories	0.0	-0.8
12	Sink stainless steel with mixer-single	-4.9	7.0
13	<b>False ceiling</b>	0.8	3.0
14	<b>Paints</b>	0.0	5.0
15	<b>Glass</b>	3.7	9.0
16	<b>Pipes</b>		
16	(PVC) pipes	1.3	-15.2
16	(uPVC) pipes	-1.9	-2.8
17	<b>Wires</b>		
17	Small building	-6.8	-15.5
17	Apartments	-9.5	-25.0
17	Residential towers	3.1	-9.0
18	<b>Power cable</b>	4.8	-1.5
19	<b>Transport equipment</b>	0.0	4.1
20	<b>Employment</b>	-2.6	-9.0
21	<b>Diesel</b>	0.0	0.0

Source: Statistics Centre – Abu Dhabi  
(N/A): mean not available

**Table (5): Percentage change in the monthly average prices of building materials for Q3 2012, compared with Q2 2012 and Q3 2011.**

Serial No.	Commodity groups	Percentage change Q2 2012 / Q3 2012	Percentage change Q3 2011 / Q3 2012
1	<b>Cement</b>	-4.6	1.8
2	<b>Aggregates and sand</b>	1.3	-5.2
3	<b>Concrete</b>	-5.6	-6.7
4	<b>Steel</b>	1.6	-9.9
5	<b>Wood</b>	1.7	-1.6
6	<b>Block</b>	-0.4	0.7
7	<b>Roofing materials</b>	-2.0	-2.0
8	<b>Waterproofing products</b>	2.9	17.9
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>	1.4	2.1
12	<b>Sanitary ware</b>		
12	Bathroom set without accessories	5.6	12.6
12	Bathroom set with accessories	0.0	-0.3
12	Sink stainless steel with mixer-single	-0.8	9.5
13	<b>False ceiling</b>	0.3	1.9
14	<b>Paints</b>	-0.8	4.0
15	<b>Glass</b>	-0.6	11.5
16	<b>Pipes</b>		
16	(PVC) pipes	-1.0	-14.7
16	(uPVC) pipes	-2.6	-1.5
17	<b>Wires</b>		
17	Small building	-2.2	-15.2
17	Apartments	-5.6	-21.4
17	Residential towers	-9.6	-15.3
18	<b>Power cable</b>	-1.1	-9.0
19	<b>Transport equipment</b>	1.0	3.8
20	<b>Employment</b>	10.5	-1.9
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 October 2012 will be released on 12 November 2012. For more information about prices and other official statistics, please visit the SCAD website at <http://www.scad.ae>.

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