



مركز الإحصاء - أبوظبي  
STATISTICS CENTRE - ABU DHABI

# Building Materials Price Statistics February 2013

March 12<sup>th</sup>, 2013

Statistics Centre- Abu Dhabi

## **Introduction**

The monthly publication of Building Materials Price Statistics is of great significance for a variety of purposes; 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 for the calculation of GDP at constant prices.

Statistical centres all over the world collect prices of building materials used by a large range of business and entities. 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 9). 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 February 2013 compared with January 2013 and February 2012, the key changes were:

▲ During February 2013 the average prices of the “Sanitary ware- bathroom set without accessories” and “Sanitary ware- sink stainless steel with mixer-single” both increased by 4.0% while the “Glass”, “Pipes (uPVC)” and “Cement” groups increased by 1.4%, 0.9% and 0.8% respectively, compared with January 2013.

▼ During February 2013 the average prices of the “Employment” group decreased by 7.0%, while the “Paints”, “Wood” and “Steel” groups decreased by 1.7%, 0.9% and 0.7% respectively compared with January 2013.

▲ During February 2013 the average prices of “Glass” increased by 14.7%, “Sanitary ware- bathroom set without accessories” by 14.6%, “Sanitary ware- bathroom set with accessories” by 9.0%, “Waterproofing products” by 7.9% and “Tiles and Marble” by 4.3% compared with February 2012.

▼ During February 2013, the average prices of “Wires for residential towers”, “Wires for apartments”, “Employment” and “Wires for small building” decreased by 15.1%, 11.1%, 10.0% and 6.6% respectively, compared with the same period in the previous year.

## 1. Key changes in the monthly average prices of building materials for February 2013 compared with January 2013

The building materials groups have seen changes in the average prices in February 2013 compared with January 2013, ranging between 0.1% for the “Wires for small building” group and 4.0% for the “Sanitary ware- bathroom set without accessories” group. Declines of 0.5% for the “Wires for residential towers” group, and 7.0% for the “Employment” group were recorded.

### Employment

The average wages of “Employment” decreased by 7.0% in February 2013 compared with a 11.1% decrease in January. Most wages in this group decreased between 4.0% for “Drivers” and 12.5% for “Helpers”.

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

Serial	Employment	Average prices of January 2013 (AED)	Average prices of February 2013 (AED)	Percentage Change %
1	Helper \ Hourly rates	8.0	7.0	-12.5 ▼
2	Semi – skilled worker \ Hourly rates	8.5	7.5	-11.8 ▼
3	Carpenter \ Hourly rates	10.0	9.0	-10.0 ▼
4	Blacksmith \ Hourly rates	10.0	9.0	-10.0 ▼
5	Electrician \ Hourly rates	14.0	14.0	0.0 —
6	Surveyor \ Hourly rates	20.0	20.0	0.0 —
7	Driver \ Hourly rates	25.0	24.0	-4.0 ▼

Source: Statistics Centre – Abu Dhabi

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






### Sanitary ware

The average prices of the “Sanitary ware- bathroom set without accessories” and “Sanitary ware- sink stainless steel with mixer-single” groups both increased by 4.0% during February 2013, while the average prices of the “Sanitary ware- bathroom set with accessories” group showed no change compared with January 2013.

## Glass

The average prices of “Glass” increased by 1.4% in February 2013 compared with January 2013.

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

Serial	Glass	Average prices of January 2013 (AED)	Average prices of February 2013 (AED)	Percentage Change %
1	Glass \ 4 mm \ m <sup>2</sup> \ Saudi Arabia	47.5	47.5	0.0 
2	Glass \ 6mm \ m <sup>2</sup> \ Saudi Arabia	65.0	65.0	0.0 
3	Tinted Glass \ 4mm \ m <sup>2</sup> \ Saudi Arabia	n.a.	n.a.	
4	Tinted Glass \ 6 mm \ m <sup>2</sup> \ Saudi Arabia	70.0	75.0	7.1 
5	Mirror Glass \ 4 mm \ m <sup>2</sup> \ Saudi Arabia	77.5	77.5	0.0 
6	Mirror Glass \ 6 mm \ m <sup>2</sup> \ Saudi Arabia	100.0	100.0	0.0 














(n.a.): not available

Source: Statistics Centre – Abu Dhabi

## Steel

The average prices of the “Steel” group showed slight decreased by 0.7% in February 2013 compared with January 2013.

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

Serial	Steel	Average prices of January 2013 (AED)	Average prices of February 2013 (AED)	Percentage Change %
1	Steel \ Flat Steel \ Ton \ Turkey	3,100.0	2,950.0	-4.8 
2	Steel \ Beams Steel \ Big \ Ton \ Korea	3,400.0	3,300.0	-2.9 
3	Steel \ Beams Steel \ big \ Ton \ China	3,400.0	3,300.0	-2.9 
4	Steel \ Beams Steel \ Small \ Ton \ Korea	3,275.0	3,125.0	-4.6 
5	Steel \ Beams Steel \ Small \ Ton \ Japan	3,275.0	3,125.0	-4.6 
6	Steel \ Steel Angled \ Ton \ Korea	3,100.0	3,100.0	0.0 
7	Steel \ Steel Angled \ Ton \ China	3,100.0	3,100.0	0.0 
8	Steel \ Bars, 6 - 8 mm \ Ton \ Turkey	2,500.0	n.a.	
9	Steel \ Bars, 10-25 mm \ Ton \ Qatar	2,500.0	2,825.0	13.0 
10	Steel \ Bars, 10-25 mm \ Ton \ U.A.E.	2,500.0	2,825.0	13.0 
11	Steel \ Bars, 10-25 mm \ Ton \ Turkey	2,500.0	2,825.0	13.0 
12	Steel \ High tensile Steel \ Ton \ Qatar	2,420.0	2,500.0	3.3 
13	Steel \ High tensile Steel \ Ton \ Turkey	2,395.0	2,462.5	2.8 
14	Steel \ High tensile Steel \ Ton \ U.A.E.	2,395.0	2,462.5	2.8 

15	B.R.C. Mesh \ 6 mm (142) \ Piece \ U.A.E.	74.5	73.5	-1.3	▼
16	B.R.C. Mesh \ 7 mm (193) \ Piece \ U.A.E.	99.0	99.5	0.5	▲
17	B.R.C. Mesh \ 8 mm (252) \ Piece \ U.A.E.	126.5	130.0	2.8	▲
18	Wire \ Binding Wire \ Bundle - 10Kg \ China	n.a.	35.0		

(n.a.): not available

Source: Statistics Centre – Abu Dhabi

## Waterproofing Products

The average prices of the “Waterproofing Products” group increased by 0.7% in February 2013 compared with January 2013.

Table (4) Percentage change in the average prices of the waterproofing products group

Serial	Waterproofing Products	Average prices of January 2013 (AED)	Average prices of February 2013 (AED)	Percentage Change %	
1	Bitumen \ Waterproofing (D540) \ S. Arabian	130.0	125.0	-3.8	▼
2	Bitumen \ Waterproofing (D540M) Aggregates \ S. Arabian	145.0	145.0	0.0	—
3	Bitumen \ 60 \ 70 \ Ton	2,380.0	2,380.0	0.0	—
4	Bitumen \ Oxidized Hot ( 115\15 ) primer 180 kg \ S. Arabian	850.0	800.0	-5.9	▼
5	Bitumen \ Oxidized Cold ( Primer D 41 ) 20 liter \ S. Arabian	130.0	150.0	15.4	▲
6	Bitumen \ 40 \ 50 \ Ton	2,550.0	2,550.0	0.0	—

Source: Statistics Centre – Abu Dhabi

## Power cable

The average prices of “Power cable” increased by 0.2% in February 2013, as a result of increases in all items in this group.

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

Serial	Power cable	Average prices of January 2013 (AED)	Average prices of February 2013 (AED)	Percentage Change %	
1	CU 11 KV \ 3*240 mm <sup>2</sup> \ 1 km	346,490	347,110	0.2	▲
2	CU 33 KV \ 3*240 mm <sup>2</sup> \ 1 km	395,360	395,990	0.2	▲
3	CU 132 KV \ 1*800 mm <sup>2</sup> \ 1 km	653,860	655,890	0.3	▲

Source: Statistics Centre – Abu Dhabi

## Paints

The average price of the Paints group decreased by 1.7% in February 2013 compared with January 2013, as a result of a price decrease in “Mamorex Paint\ Fenomastic Plastic Emulsion\ Gallon\ U.A.E.” by 10.0%.

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

Serial	Paints	Average prices of January 2013 (AED)	Average prices of February 2013 (AED)	Percentage Change %
1	Paints \ Jolloflex Normal Emulsion \ Dram \ U.A.E.	60.0	60.0	0.0 —
2	Paints \ Durosan Matt Emulsion \ Gallon \ U.A.E.	60.0	60.0	0.0 —
3	Mamorex Paint\ Fenomastic Plastic Emulsion\ Gallon\ U.A.E.	100.0	90.0	-10.0 ▼
4	Mamorex Paint \ Bangalac Glos \ Gallon \ U.A.E.	65.0	65.0	0.0 —
5	Mamorex Paint \ Heavy Tex with Arbl \ Dram \ U.A.E.	200.0	200.0	0.0 —
6	Mamorex Paint \ Heavy Tex w\o Marble Clips \ Dram \ U.A.E.	230.0	230.0	0.0 —

Source: Statistics Centre – Abu Dhabi

## 2. Key changes in the monthly average prices of building materials for February 2013 compared with February 2012

The monthly average prices for 13 groups of building materials have decreased in February 2013 compared with February 2012. The drop ranged between 1.0% for “(PVC) Pipes” and 15.1% for “Wires for residential towers”.

### Wires

The average prices of “Wires” decreased in February 2013 compared with February 2012. “Wires for residential towers” accounted for the largest decrease of 15.1%, while “Wires for apartments” and “Small buildings” decreased by 11.1% and 6.6% respectively.

### Concrete

The average prices of “Concrete” decreased by 6.2% in February 2013 compared with February 2012.

Table (7): Percentage change in the average prices of the concrete group (February 2013 compared with February 2012)

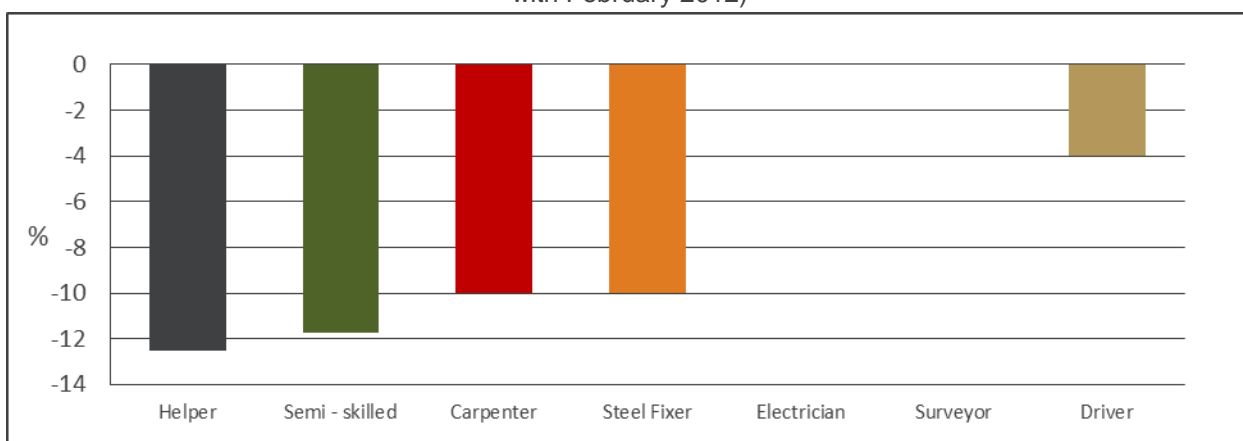
Serial	Aggregates and sand	Average prices of February 2012 (AED)	Average prices of February 2013 (AED)	Percentage Change %
1	Concrete Ready Mix\ Normal (Neutin 40)\ m <sup>3</sup> \ U.A.E.	240.0	225.0	-6.3 ▼
2	Concrete Ready Mix\ Sulphate Resistance\ m <sup>3</sup> \ U.A.E.	245.0	230.0	-6.1 ▼

Source: Statistics Centre – Abu Dhabi

## Employment

The average wages of “Employment” decreased by 10.0% in February 2013, and most items in this group showed a change in average wages, while the average wages of "Electricians" and "Surveyors" settled compared with the previous year.

Figure (1): Percentage change in the average prices of the employment group (February 2013 compared with February 2012)



Source: Statistics Centre – Abu Dhabi

## Aggregates and sand

The “Aggregates and sand” group decreased by 3.6% in February 2013. Table (8) shows that the declines ranged between 3.4% and 9.1% compared with February 2012.

Table (8): Percentage change in the average prices of the aggregates and sand group (February 2013 compared with February 2012)

Serial	Aggregates and sand	Average prices of February 2012 (AED)	Average prices of February 2013 (AED)	Percentage Change %
1	Aggregates \ Crush 3/4 \ m <sup>3</sup> \ U.A.E.	70.0	70.0	0.0 —
2	Aggregates \ Ordinary 3/4 \ m <sup>3</sup> \ U.A.E.	62.5	60.0	-4.0 ▼
3	Aggregates \ Crush 3/8 \ m <sup>3</sup> \ U.A.E.	72.5	70.0	-3.4 ▼
4	Aggregates \ Ordinary 3/8 \ m <sup>3</sup> \ U.A.E.	50.0	50.0	0.0 —



5	Aggregates \ Material Sand \ m <sup>3</sup> \ U.A.E.	45.0	45.0	0.0	—
6	Sand \ White \ m <sup>3</sup> \ U.A.E.	45.0	42.5	-5.6	▼
7	Sand \ Black \ m <sup>3</sup> \ U.A.E.	55.0	50.0	-9.1	▼
8	Sand \ Red \ m <sup>3</sup> \ U.A.E.	40.0	37.5	-6.3	▼

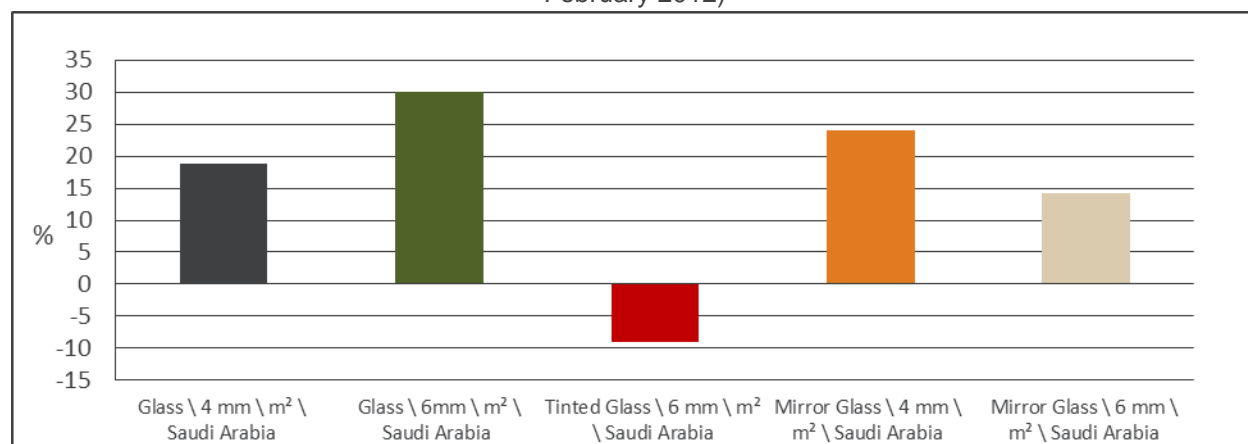
Source: Statistics Centre – Abu Dhabi

## Some building materials items have seen an increase in February 2013 compared with February 2012

### Glass

The average prices of the “Glass” group increased by 14.7% in February 2013 compared with February 2012.

Figure (2): Percentage change in the average prices of the glass group (February 2013 compared with February 2012)



Source: Statistics Centre – Abu Dhabi

### Sanitary ware

The average prices of the “Sanitary ware- bathroom set without accessories” and “Sanitary ware- bathroom set with accessories” groups increased during February 2013 by 14.6% and 9.0% respectively, while the average prices of the “Sanitary ware- sink stainless steel with mixer-single” group decreased by 1.0% compared with February 2012.

### Waterproofing products

The average wages of “Waterproofing products” increased by 7.9% in February 2013 compared with February 2012, while most items in the group recorded an increase between 2.7% and 25.0%.

**Table (9): Percentage change in the monthly average prices of building materials for February 2013, compared with January 2013 and February 2012.**

Serial No.	Commodity groups	Percentage change January 2013 to February 2013	Percentage change February 2012 to February 2013
1	<b>Cement</b>	0.8	3.6
2	<b>Aggregates and sand</b>	0.0	-3.6
3	<b>Concrete</b>	0.0	-6.2
4	<b>Steel</b>	-0.7	0.6
5	<b>Wood</b>	-0.9	-3.2
6	<b>Block</b>	0.0	-1.2
7	<b>Roofing materials</b>	0.0	0.0
8	<b>Waterproofing products</b>	0.7	7.9
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>	0.0	4.3
12	<b>Sanitary ware</b>		
12.1	Bathroom set without accessories	4.0	14.6
12.2	Bathroom set with accessories	0.0	9.0
12.3	Sink stainless steel with mixer-single	4.0	-1.0
13	<b>False ceiling</b>	0.0	0.0
14	<b>Paints</b>	-1.7	-2.0
15	<b>Glass</b>	1.4	14.7
16	<b>Pipes</b>		
16.1	(PVC) pipes	-0.8	-1.0
16.2	(uPVC) pipes	0.9	1.7
17	<b>Wires</b>		
17.1	Small building	0.1	-6.6
17.2	Apartments	0.0	-11.1
17.3	Residential towers	-0.5	-15.1
18	<b>Power cable</b>	0.2	-2.0
19	<b>Transport equipment</b>	0.0	-2.0
20	<b>Employment</b>	-7.0	-10.0
21	<b>Diesel</b>	0.0	0.0

(n.a.): 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 2012 publication, which is available on SCAD's website at <http://www.scad.ae>.

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

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