



مركز الإحصاء  
STATISTICS CENTRE

# **Building Materials Price Statistics April 2013**

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

Statistics Centre- Abu Dhabi

## **Introduction**

The monthly publication 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; it can also be used in the compilation of indices of the construction activity, 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 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 April 2013 compared with March 2013 and April 2012.

The key changes were:

▲ During April 2013 the average prices of the “Employment”, “Natural stone”, “Sanitary ware- bathroom set without accessories”, “Block” and “Waterproofing products” groups increased by 11.1%, 7.2%, 6.4%, 4.1% and 1.8% respectively, compared with March 2013.

▼ During April 2013 the average prices of the “Power cable” group decreased by 3.7%, “Pipes (PVC)” by 2.4% and “Wires for small building” by 0.6% compared with March 2013.

▲ During April 2013 the average prices of “Employment” increased by 36.2%, “Sanitary ware- bathroom set without accessories” by 24.7%, “Glass” by 13.9% and “Sanitary ware- bathroom set with accessories” by 10.4% compared with April 2012.

▼ During April 2013, the average prices of “Wires for residential towers”, “Wires for small building”, “Wires for apartments”, “Aggregates and sand”, and “Block” decreased by 14.9%, 10.1%, 9.7%, 8.7% and 8.0% respectively, compared with the same period in the last year.

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

The building materials groups have seen a change in the average prices in April 2013 compared with March 2013, with increases ranging between 1.1% for the “Paints” group and 11.1% for the “Employment” group. Declines of 0.1% for the “Steel” group, and 3.7% for the “Power Cable” group were recorded.

### Employment

The average wages of “Employment” increased by 11.1% in April 2013 compared with March 2013. Table (1) indicates that increases of the employment group ranged between 6.7% and 20.0%.

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

Serial	Employment	Average prices of March 2013 (AED)	Average prices of April 2013 (AED)	Percentage change %
1	Helper \ Hourly rates	8.0	9.0	12.5 ▲
2	Semi – skilled worker \ Hourly rates	8.5	9.5	11.8 ▲
3	Carpenter \ Hourly rates	10.0	11.0	10.0 ▲
4	Blacksmith \ Hourly rates	10.0	11.0	10.0 ▲
5	Electrician \ Hourly rates	15.0	16.0	6.7 ▲
6	Surveyor \ Hourly rates	25.0	30.0	20.0 ▲
7	Driver \ Hourly rates	28.0	30.0	7.1 ▲

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 3.7% in April 2013, 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 March 2013 (AED)	Average prices of April 2013 (AED)	Percentage change %
1	CU 11 KV \ 3*240 mm <sup>2</sup> \ 1 km	335,350	322,130	-3.9 ▼
2	CU 33 KV \ 3*240 mm <sup>2</sup> \ 1 km	383,830	370,150	-3.6 ▼
3	CU 132 KV \ 1*800 mm <sup>2</sup> \ 1 km	634,330	612,280	-3.5 ▼

Source: Statistics Centre – Abu Dhabi

## Block

The “Block” group increased by 4.1% in April 2013, as a result of an increase in most items between 2.7% for “Hollow\ 6” 15x20x40 cm\ Thousand U.A.E.” and 8.3% for “Solid\ 4” 10x20x40 cm\ Thousand\ U.A.E.” compared with March 2013.

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

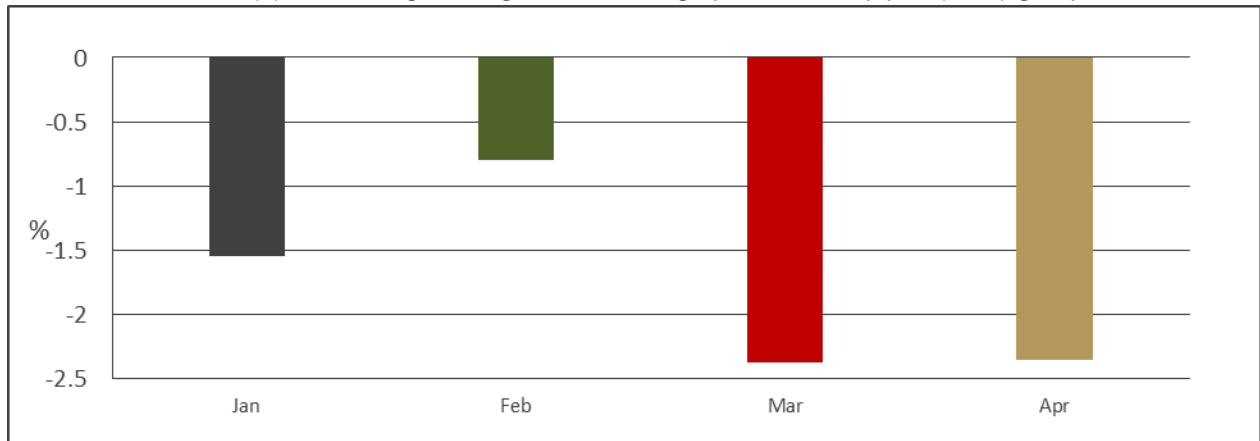
Serial	Block	Average prices of March 2013 (AED)	Average prices of April 2013 (AED)	Percentage change %
1	Hollow \ 4" 10x20x40 cm \ Thousand \ U.A.E.	1,700.0	1,700.0	0.0 <span style="color: blue;">—</span>
2	Hollow \ 6" 15x20x40 cm \ Thousand U.A.E.	1,850.0	1,900.0	2.7 <span style="color: red;">▲</span>
3	Hollow \ 8" 20x20x40 cm \ Thousand U.A.E.	2,000.0	2,100.0	5.0 <span style="color: red;">▲</span>
4	Solid \ 4" 10x20x40 cm \ Thousand \ U.A.E.	2,400.0	2,600.0	8.3 <span style="color: red;">▲</span>
5	Solid \ 6" 15x20x40 cm \ Thousand \ U.A.E.	2,700.0	2,850.0	5.6 <span style="color: red;">▲</span>
6	Solid \ 8" 20x20x40 cm \ Thousand \ U.A.E.	3,300.0	3,400.0	3.0 <span style="color: red;">▲</span>

Source: Statistics Centre – Abu Dhabi

## Pipes

The average prices of the “Pipes (PVC)” group decreased by 2.4% in April 2013 compared with March 2013, mainly due to the decrease in some items in this group.

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



Source: Statistics Centre – Abu Dhabi

## Wires

The average prices for Wires for “Small building” and “Apartments” decreased by 0.6% and 0.4%, while the average prices for “Wires residential towers” increased by 1.2%.

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

The monthly average prices for 16 groups of building materials have decreased in April 2013 compared with April 2012. The drop ranged between 0.1% for “False ceiling” and 14.9% for “Wires for residential towers”.

### Wires

The average prices of “Wires” decreased in April 2013 compared with April 2012. “Wires for residential towers” accounted for the largest decrease of 14.9%, while “Wires for Small buildings” and “apartments” decreased by 10.1% and 9.7% respectively.

### Aggregates and sand

The “Aggregates and sand” group decreased by 8.7% in April 2013. Table (5) shows that the declines ranged between 3.4% and 20.8% compared with April 2012.

Table (5): Percentage change in the average prices of the block group (April 2013 compared with April 2012)

Serial	Aggregates and sand	Average prices of April 2012 (AED)	Average prices of April 2013 (AED)	Percentage change %
1	Aggregates \ Crush 3/4 \ m <sup>3</sup> \ U.A.E.	75.0	70.0	-6.7 ▼
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.	47.5	n.a.	
6	Sand \ White \ m <sup>3</sup> \ U.A.E.	47.5	41.3	-13.2 ▼
7	Sand \ Black \ m <sup>3</sup> \ U.A.E.	60.0	47.5	-20.8 ▼
8	Sand \ Red \ m <sup>3</sup> \ U.A.E.	40.0	35.0	-12.5 ▼

(n.a.): not available

Source: Statistics Centre – Abu Dhabi

## Block

The average prices of “Block” decreased by 8.0% in April 2013 compared with April 2012, mainly due to the decrease in most items between 3.7% and 10.6%.

Table (4): Percentage change in the average prices of the block group (April 2013 compared with April 2012)

Serial	Block	Average prices of April 2012 (AED)	Average prices of April 2013 (AED)	Percentage change %
1	Hollow \ 4" 10x20x40 cm \ Thousand \ U.A.E.	1,850.0	1,700.0	-8.1 ▼
2	Hollow \ 6" 15x20x40 cm \ Thousand U.A.E.	2,100.0	1,900.0	-9.5 ▼
3	Hollow \ 8" 20x20x40 cm \ Thousand U.A.E.	2,350.0	2,100.0	-10.6 ▼
4	Solid \ 4" 10x20x40 cm \ Thousand \ U.A.E.	2,700.0	2,600.0	-3.7 ▼
5	Solid \ 6" 15x20x40 cm \ Thousand \ U.A.E.	3,000.0	2,850.0	-5.0 ▼
6	Solid \ 8" 20x20x40 cm \ Thousand \ U.A.E.	3,800.0	3,400.0	-10.5 ▼

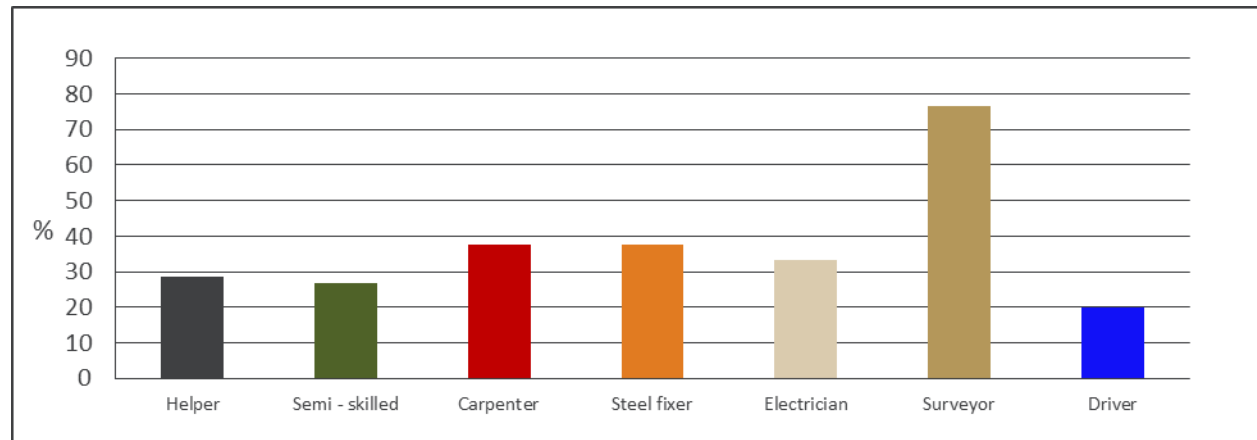
Source: Statistics Centre – Abu Dhabi

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

## Employment

The average wages of “Employment” increased by 36.2% in April 2013 compared with April 2012, while all items in the group recorded an increase between 20.0% and 76.5%.

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

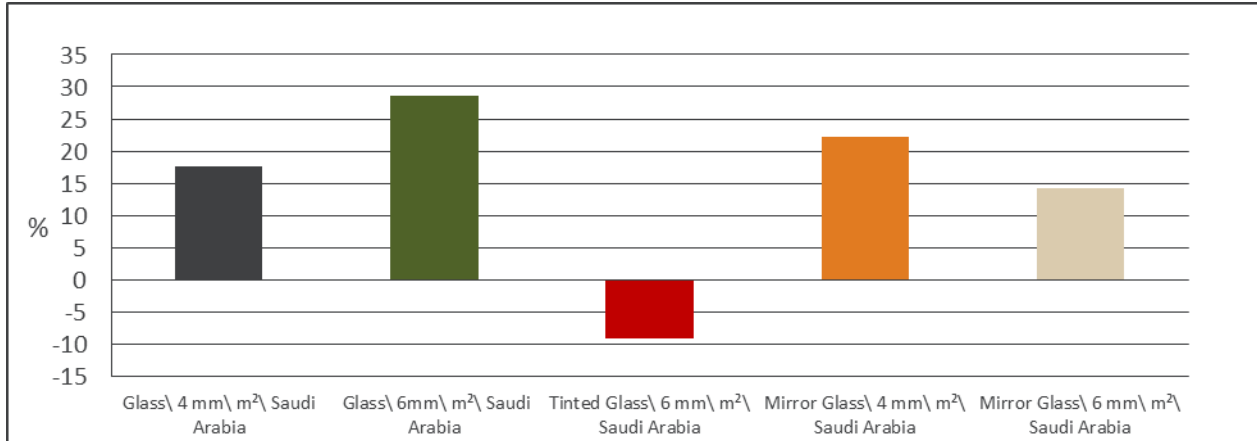


Source: Statistics Centre – Abu Dhabi

## Glass

The average prices of the “Glass” group increased by 13.9% in April 2013 compared with April 2012.

Figure (3): Percentage change in the average prices of the glass group (April 2013 compared with April 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 April 2013 by 24.7% and 10.4% respectively, while the average prices of the “Sanitary ware- sink stainless steel with mixer-single” group also increased by 3.6% compared with April 2012.



**Table (6): Percentage change in the monthly average prices of building materials for April 2013, compared with March 2013 and April 2012.**

Serial No.	Commodity groups	Percentage change March 2013 to April 2013	Percentage change April 2012 to April 2013
1	<b>Cement</b>	0.0	-5.5
2	<b>Aggregates and sand</b>	0.0	-8.7
3	<b>Concrete</b>	0.0	-4.2
4	<b>Steel</b>	-0.1	-1.4
5	<b>Wood</b>	1.2	-0.6
6	<b>Block</b>	4.1	-8.0
7	<b>Roofing materials</b>	0.0	0.0
8	<b>Waterproofing products</b>	1.8	-2.1
9	<b>Waterproofing bituminous membrane</b>	n.a.	n.a.
10	<b>Natural stone</b>	7.2	7.2
11	<b>Tiles and marble</b>	1.5	6.8
12	<b>Sanitary ware</b>		
12.1	Bathroom set without accessories	6.4	24.7
12.2	Bathroom set with accessories	1.3	10.4
12.3	Sink stainless steel with mixer-single	0.0	3.6
13	<b>False ceiling</b>	0.0	-0.1
14	<b>Paints</b>	1.1	-3.9
15	<b>Glass</b>	0.0	13.9
16	<b>Pipes</b>		
16.1	(PVC) pipes	-2.4	-5.7
16.2	(uPVC) pipes	0.0	-3.6
17	<b>Wires</b>		
17.1	Small building	-0.6	-10.1
17.2	Apartments	-0.4	-9.7
17.3	Residential towers	1.2	-14.9
18	<b>Power cable</b>	-3.7	-7.5
19	<b>Transport equipment</b>	-0.1	-1.7
20	<b>Employment</b>	11.1	36.2
21	<b>Diesel</b>	0.0	0.0

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

Building Materials Price Statistics, for May 2013 will be released on 12 June 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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