



Dubai Statistics Center

Construction Materials prices Indicator

Emirates of Dubai

2019–(Fourth Quarter)



Construction Materials prices Indicator

Dubai statistics Center calculates indicators of construction materials prices by monitoring the movement of basic materials prices involved in the process of building the main structure, which includes five sub-groups:

- Cement
- Aggregates & Sand
- Blocks
- Concrete
- Steel

Construction Materials Prices Indicators

Fourth Quarter 2019 / Fourth Quarter 2018

Through monitoring construction materials prices of the major groups during Fourth Quarter 2019 compared to the same period of 2018, changes observed in the prices of the materials, The following report reviews the movement of indicators during the comparison period of each item.

Cement

The Indicator of Cement Group recorded an increase in the prices of Sulphate Resistance cement by 2.31%, followed by the prices of White Cement by 0.62%. On the other hand, prices of Portland cement decreased by 2.18%. As shown in table (1).

Table 1 | Average prices in Cement Group Q4 2018 - Q4 2019

	Quantity	Q4 2018	Q4 2019	% of change	
Cement					
Sulphate Resistance Cement	50 KG	15.53	15.89	2.31	▲
Portland Cement	50 KG	14.50	14.18	(2.18)	▼
White Cement	50 KG	36.18	36.40	0.62	▲
Lime*	30 KG	—	15.75	—	—
Gypsum*	20 KG	—	7.70	—	—

* Specifications and sources updated for 2019

Aggregates & Sand

The Indicators in Aggregates & Sand records a decrease in most of the materials in the group. a decrease of 24.24% in the prices of Red Sand, followed by a decrease in the prices of White Sand by 13.01%, the prices of Aggregates sized 3/8 by 12.75%, the prices of Aggregates sized 3/4 by 8.62%, the prices of Aggregates sized 3/16 by 8.28%, and the prices of Black Sand decreased by 5.85%. As shown in table (2).

Table 2 | Average prices in Aggregates & Sand Group Q4 2018 - Q4 2019

	Quantity	Q4 2018	Q4 2019	% of change	
Aggregates & Sand					
Aggregates 3/4	m3	1,245.71	1,138.33	(8.62)	▼
Aggregates 3/8	m3	1,304.63	1,138.33	(12.75)	▼
Aggregates 3/16	m3	1,437.19	1,318.17	(8.28)	▼
Sand / White	m3	877.50	763.33	(13.01)	▼
Sand / Black	m3	1,127.60	1,061.67	(5.85)	▼
Sand / Red	m3	716.04	542.50	(24.24)	▼

Blocks

The prices decreased in all of the materials in the Blocks Group, prices of Hollow blocks 4 cm decreased by 11.68%, Hollow blocks 8 cm by 11.58%, Hollow blocks 6 cm by 11.22%, Solid blocks 6 cm by 8.63%, Solid blocks 8 cm by 8.12% and the prices of Solid blocks 4 cm decreased by 5.60%. As shown in table (3).

Table 3 | Average prices in Blocks Group Q4 2018 - Q4 2019

	Quantity	Q4 2018	Q4 2019	% of change	
Blocks					
Hollow / 4 cm	Piece	2.47	2.18	(11.68)	▼
Hollow / 6 cm	Piece	2.69	2.39	(11.22)	▼
Hollow / 8 cm	Piece	2.94	2.60	(11.58)	▼
Solid / 4 cm	Piece	3.42	3.23	(5.60)	▼
Solid / 6 cm	Piece	3.80	3.47	(8.63)	▼
Solid / 8 cm	Piece	3.97	3.65	(8.12)	▼

Concrete

The indicators records an increase in the prices of Concrete Group, as the prices of Portland Ready Mix decreased by 6.58% and prices of Sulphate Resistance Ready Mix decreased by 4.73%. As shown in table (4).

Table 4 | Average prices in Concrete Group Q4 2018 - Q4 2019

	Quantity	Q4 2018	Q4 2019	% of change	
Concrete					
Portland Ready Mix	m3	266.00	248.50	(6.58)	▼
Sulphate Resistance Ready Mix	m3	267.17	254.54	(4.73)	▼

Steel

Through monitoring the prices in Steel Group, it observed a decrease in all of the materials in the steel Group. The prices of B.R.C. Mesh (7 mm) decreased by 16.33%, followed by the prices of B.R.C. Mesh (8 mm) by 15.48%. In addition, prices of B.R.C. Mesh (6 mm) by 14.95%, Steel Bars (10-25 mm) by 10.63%, and Steel Bars (6-8 mm) decreased by 9.44%. As shown in table (5).

Table 5 | Average prices in Steel Group Q4 2018 - Q4 2019

	Quantity	Q4 2018	Q4 2019	% of change	
Steel					
Steel Bars (6-8 mm)	Ton	2,303.55	2,086.15	(9.44)	▼
Steel Bars (10-25 mm)	Ton	2,246.40	2,007.40	(10.63)	▼
B.R.C. Mesh (6 mm)	Sheet	65.33	55.56	(14.95)	▼
B.R.C. Mesh (7 mm)	Sheet	93.39	78.14	(16.33)	▼
B.R.C. Mesh (8 mm)	Sheet	118.72	100.34	(15.48)	▼

Construction Materials Prices Indicators

Fourth Quarter 2019 / Third Quarter 2019

Through monitoring construction materials prices of the major groups during Fourth Quarter 2019 compared to the Third Quarter 2019, changes observed in the prices of the materials, The following report reviews the movement of indicators during the comparison period of each item.

Cement

The Indicator of Cement Group recorded a decrease in the prices of Portland cement by 3.16%, followed by the prices of Sulphate Resistance Cement by 1.57%. On the other hand, prices of White Cement, Lime and Gypsum show stability comparing with previous quarter. As shown in table (6).

Table 6 | Average prices in Cement Group Q3 2019 – Q4 2019

	Quantity	Q3 2019	Q4 2019	% of change
Cement				
Sulphate Resistance Cement	50 KG	16.14	15.89	(1.57) ▼
Portland Cement	50 KG	14.64	14.18	(3.16) ▼
White Cement	50 KG	36.40	36.40	0.00 —
Lime	20 KG	15.75	15.75	0.00 —
Gypsum	25 KG	7.70	7.70	0.00 —

Aggregates & Sand

The Indicators in Aggregates & Sand records a decrease in all of the materials in the group. A decrease of 4.45% in the prices of White Sand, followed by a decrease in the prices of Aggregates sized 3/4 by 1.99%, the prices of Aggregates sized 3/8 by 1.99%, the prices of Black Sand decreased by 1.24%, the prices of red Sand decreased by 1.11%, and prices of Aggregates sized 3/16 decreased by 1.02%. As shown in table (7).

Table 7 | Average prices in Aggregates & Sand Group Q3 2019 – Q4 2019

	Quantity	Q3 2019	Q4 2019	% of change
Aggregates & Sand				
Aggregates 3/4	m3	1,161.39	1,138.33	(1.99) ▼
Aggregates 3/8	m3	1,161.39	1,138.33	(1.99) ▼
Aggregates 3/16	m3	1,331.69	1,318.17	(1.02) ▼
Sand / White	m3	798.89	763.33	(4.45) ▼
Sand / Black	m3	1,075.00	1,061.67	(1.24) ▼
Sand / Red	m3	548.61	542.50	(1.11) ▼

Blocks

The Indicators in Blocks records a stability in all of the materials in the group comparing with previous quarter, as shown in table (8).

Table 8 | Average prices in Blocks Group Q3 2019 – Q4 2019

	Quantity	Q3 2019	Q4 2019	% of change
Blocks				
Hollow / 4 cm	Piece	2.18	2.18	0.00 —
Hollow / 6 cm	Piece	2.39	2.39	0.00 —
Hollow / 8 cm	Piece	2.60	2.60	0.00 —
Solid / 4 cm	Piece	3.23	3.23	0.00 —
Solid / 6 cm	Piece	3.47	3.47	0.00 —
Solid / 8 cm	Piece	3.65	3.65	0.00 —

Concrete

The indicators records an decrease in the prices of Concrete Group, as the prices of Portland Ready Mix decreased by 1.18% and prices of Sulphate Resistance Ready Mix decreased by 0.15%. As shown in table (9).

Table 9 | Average prices in Concrete Group Q3 2019 – Q4 2019

	Quantity	Q3 2019	Q4 2019	% of change	
Concrete					
Portland Ready Mix	m3	251.48	248.50	(1.18)	▼
Sulphate Resistance Ready Mix	m3	254.92	254.54	(0.15)	▼

Steel

Through monitoring the prices in Steel Group, it observed a decrease in the prices of B.R.C. Mesh (7 mm) by 7.16%, followed by the prices of prices of Steel Bars (6-8 mm) by 6.50%, B.R.C. Mesh (8 mm) by 6.34%, B.R.C. Mesh (6mm) by 6.25%, and prices of Steel Bars (10-25mm) decreased by 3.93%,As shown in table (10).

Table 10 | Average prices in Steel Group Q3 2019 – Q4 2019

	Quantity	Q3 2019	Q4 2019	% of change	
Steel					
Steel Bars (6-8 mm)	Ton	2,231.25	2,086.15	(6.50)	▼
Steel Bars (10-25 mm)	Ton	2,089.56	2,007.40	(3.93)	▼
B.R.C. Mesh (6 mm)	Sheet	59.27	55.56	(6.25)	▼
B.R.C. Mesh (7 mm)	Sheet	84.17	78.14	(7.16)	▼
B.R.C. Mesh (8 mm)	Sheet	107.13	100.34	(6.34)	▼