



# Construction Sector Indices

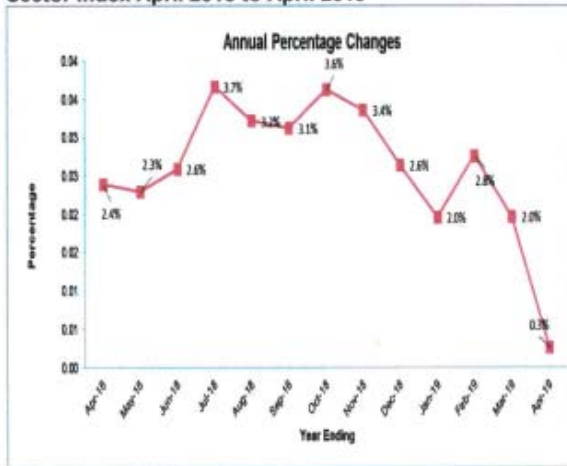
April 2019

## HIGHLIGHTS

### Annual Changes:

Findings show that the average input prices for the Whole Construction Sector (covering material prices, wage rates & equipment hire rates) increased by 0.3% for the year ending April 2019 compared to 2.4% increase for the year ended March 2018.

Fig 1: Annual Price Changes at the Whole Construction Sector Index April 2018 to April 2019



The main contributors to the annual rise in input prices of 0.3%:

- An increase of 0.7% in prices of inputs for Non-residential buildings,
- An increase of 1.3% in prices of inputs for the Civil works sub sector mainly due to increases in Diesel and Bitumen prices.

Chris N. Mukiza (PhD)  
Executive Director

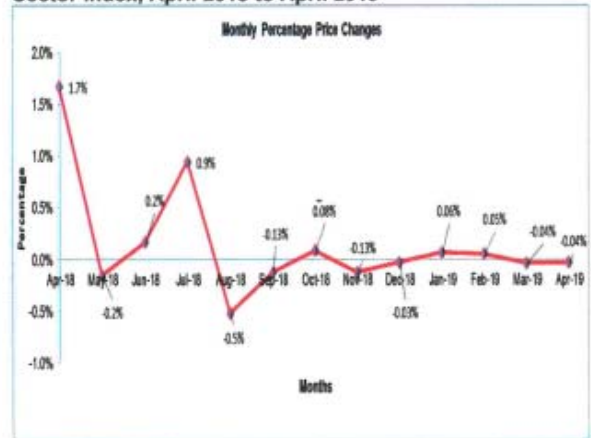
Wednesday 19<sup>th</sup> June 2019

- Notes: 1 This release contains composite input price indices for the construction sector and their "basic heading" components.
- 2 To obtain the percentage change in prices between any two periods, divide the index number in the second period by the index number in the first period, subtract 1 and multiply the result by 100.
- 3 **Some revisions have been made due to availability of more data initially imputed.**
4. Comments can be addressed to: Mr. Peter Opio, Director, Business & Industry Statistics, Uganda Bureau of Statistics on email [peter.opio@ubos.org](mailto:peter.opio@ubos.org) & phone no: 0414 706016 or 0782 319690 (Mob). The next release will be in the third week of July, 2019

### Monthly Changes:

Findings show that in the month of April 2019, prices of inputs into the Whole Construction Sector were relatively stable as compared to -0.04% change for the month of March 2019.

Fig 2: Monthly Price Changes at the Whole Construction Sector Index, April 2018 to April 2019



### Material Inputs (Basic Headings) - Monthly Changes

Overall, the prices of material inputs, equipment hire and wage rates decreased in April 2019 compared to March 2019. Notable decreases were registered in;

- Prices of Other Iron and Steel by 0.1% and ,
- Diesel decreased by 0.06%.

## Percentage change since previous year

Sector	Weights	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19
Whole sector	100	2.4%	2.3%	2.6%	3.7%	3.2%	3.1%	3.6%	3.4%	2.6%	2.0%	2.8%	2.0%	0.3%
All buildings Total	0	2.0%	1.8%	2.0%	3.0%	2.7%	2.5%	3.2%	3.0%	2.4%	1.7%	2.6%	1.9%	0.0%
Residential buildings	30	3.9%	3.0%	3.0%	3.9%	2.8%	2.5%	3.3%	3.1%	2.1%	1.1%	2.3%	1.3%	-1.1%
Formal														
Own-account	15	3.1%	3.2%	3.6%	3.7%	2.2%	1.8%	2.2%	1.9%	1.5%	0.5%	1.4%	0.5%	-0.5%
Non-res buildings	15	4.7%	2.9%	2.4%	4.2%	3.5%	3.3%	4.4%	4.3%	2.8%	1.7%	3.3%	2.0%	-1.8%
Non-res buildings	50	0.9%	1.1%	1.3%	2.4%	2.6%	2.5%	3.2%	2.9%	2.6%	2.1%	2.7%	2.2%	0.7%
Civil works	20	4.0%	4.3%	5.2%	6.2%	5.8%	5.7%	5.3%	4.9%	3.4%	2.8%	3.5%	2.3%	1.3%
Roads paved	10	4.0%	4.2%	5.0%	6.1%	5.7%	5.5%	5.2%	4.8%	3.1%	2.8%	3.3%	2.2%	1.0%
Roads gravel	5	6.6%	7.6%	9.3%	11.3%	11.3%	11.6%	10.9%	10.4%	8.2%	6.7%	7.7%	5.8%	3.9%
Water projects	5	1.6%	1.3%	1.6%	1.4%	0.6%	0.3%	0.1%	-0.2%	-0.4%	-0.9%	-0.4%	-0.9%	-0.9%

## Percentage change since previous month

Sector	Weights	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19
<b>Whole sector</b>	<b>100</b>	<b>1.7%</b>	<b>-0.2%</b>	<b>0.2%</b>	<b>0.9%</b>	<b>-0.5%</b>	<b>-0.1%</b>	<b>0.1%</b>	<b>-0.13%</b>	<b>-0.03%</b>	<b>0.06%</b>	<b>0.05%</b>	<b>-0.04%</b>	<b>-0.04%</b>
<b>All buildings Total</b>	<b>0</b>	<b>1.8%</b>	<b>-0.3%</b>	<b>0.0%</b>	<b>1.0%</b>	<b>-0.6%</b>	<b>-0.2%</b>	<b>0.03%</b>	<b>-0.11%</b>	<b>-0.02%</b>	<b>0.04%</b>	<b>0.09%</b>	<b>0.04%</b>	<b>-0.06%</b>
<b>Residential buildings</b>	<b>30</b>	<b>2.2%</b>	<b>-0.8%</b>	<b>-0.1%</b>	<b>0.8%</b>	<b>-0.8%</b>	<b>-0.2%</b>	<b>0.02%</b>	<b>-0.07%</b>	<b>-0.09%</b>	<b>0.12%</b>	<b>0.08%</b>	<b>0.09%</b>	<b>-0.16%</b>
<b>Formal</b>	<b>15</b>	<b>1.0%</b>	<b>0.0%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>-0.8%</b>	<b>-0.2%</b>	<b>0.02%</b>	<b>-0.07%</b>	<b>0.04%</b>	<b>0.00%</b>	<b>-0.01%</b>	<b>0.01%</b>	<b>0.00%</b>
<b>Own-account</b>	<b>15</b>	<b>3.5%</b>	<b>-1.6%</b>	<b>-0.6%</b>	<b>1.4%</b>	<b>-0.7%</b>	<b>-0.2%</b>	<b>0.02%</b>	<b>-0.08%</b>	<b>-0.23%</b>	<b>0.24%</b>	<b>0.17%</b>	<b>0.17%</b>	<b>-0.32%</b>
<b>Non-res buildings</b>	<b>50</b>	<b>1.6%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>1.1%</b>	<b>-0.5%</b>	<b>-0.2%</b>	<b>0.03%</b>	<b>-0.13%</b>	<b>0.03%</b>	<b>0.00%</b>	<b>0.10%</b>	<b>0.01%</b>	<b>0.01%</b>
<b>Civil works</b>	<b>20</b>	<b>1.1%</b>	<b>0.3%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>-0.3%</b>	<b>0.1%</b>	<b>0.30%</b>	<b>-0.19%</b>	<b>-0.09%</b>	<b>0.16%</b>	<b>-0.12%</b>	<b>-0.34%</b>	<b>0.05%</b>
<b>Roads paved</b>	<b>10</b>	<b>1.3%</b>	<b>0.2%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>-0.3%</b>	<b>0.0%</b>	<b>0.40%</b>	<b>-0.25%</b>	<b>-0.43%</b>	<b>0.44%</b>	<b>-0.15%</b>	<b>-0.38%</b>	<b>0.11%</b>
<b>Roads gravel</b>	<b>5</b>	<b>1.9%</b>	<b>0.8%</b>	<b>1.5%</b>	<b>1.2%</b>	<b>0.2%</b>	<b>0.4%</b>	<b>0.38%</b>	<b>-0.10%</b>	<b>0.54%</b>	<b>-0.25%</b>	<b>-0.21%</b>	<b>-0.57%</b>	<b>-0.03%</b>
<b>Water projects</b>	<b>5</b>	<b>0.0%</b>	<b>-0.1%</b>	<b>0.2%</b>	<b>-0.1%</b>	<b>-0.7%</b>	<b>-0.1%</b>	<b>0.02%</b>	<b>-0.17%</b>	<b>-0.01%</b>	<b>0.00%</b>	<b>0.03%</b>	<b>0.00%</b>	<b>-0.01%</b>

Statistical Release Table B

Basic heading price indices, CPI Rescaled and Equipment charge out rates and cement quantities

Jan-Mar 2006 = 100

	Timber		Paint		PVC/HDPE pipes		Water tanks		Burnt clay bricks & tiles	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Year	250.74		191.89		187.15		157.56		285.25	
Q1	246.13	258.43	184.18	198.13	187.15	187.15	159.35	156.73	285.18	287.00
Q2	249.21		189.09		187.15		157.42		285.35	
Q3	252.28		196.14		187.15		156.73		285.24	
Q4	255.35		198.16		187.15		156.73		285.24	
Jan	245.11	257.40	180.12	198.16	187.15	187.15	163.23	156.73	285.18	285.24
Feb	246.13	258.43	186.22	198.10	187.15	187.15	157.42	156.73	285.18	287.88
Mar	247.16	259.45	186.22	198.14	187.15	187.15	157.42	156.73	285.18	287.88
Apr	248.18	260.48	186.22	198.14	187.15	187.15	157.42	156.73	285.18	287.88
May	249.21		186.22		187.15		157.42		285.62	
Jun	250.23		194.84		187.15		157.42		285.24	
Jul	251.26		194.84		187.15		156.73		285.24	
Aug	252.28		196.72		187.15		156.73		285.24	
Sep	253.31		196.87		187.15		156.73		285.24	
Oct	254.33		198.16		187.15		156.73		285.24	
Nov	255.35		198.16		187.15		156.73		285.24	
Dec	256.38		198.16		187.15		156.73		285.24	

	Cement		Concrete articles		Steel bars		Roofing sheets		Other iron & steel	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Year	178.13		225.04		294.84		235.80		240.40	
Q1	180.12	173.69	219.74	226.98	300.68	283.82	226.92	237.70	244.94	229.10
Q2	183.12		226.71		304.47		239.88		250.12	
Q3	176.78		226.87		288.35		238.35		235.98	
Q4	172.51		226.86		285.87		238.07		230.55	
Jan	178.61	173.40	213.57	226.98	300.38	284.80	221.76	238.46	239.77	229.89
Feb	180.39	173.83	218.95	226.98	299.25	283.10	223.83	237.04	242.01	228.73
Mar	181.36	173.83	226.71	226.98	302.41	283.57	235.15	237.59	253.03	228.66
Apr	182.54	173.83	226.71	226.98	303.72	283.60	237.41	237.78	251.94	228.41
May	183.88		226.71		303.72		238.46		248.76	
Jun	182.93		226.71		305.97		243.76		249.65	
Jul	181.31		226.87		292.05		241.37		245.51	
Aug	176.97		226.87		286.49		235.85		231.39	
Sep	172.07		226.87		286.50		237.84		231.05	
Oct	172.07		226.64		289.25		237.75		231.05	
Nov	172.07		226.98		283.92		238.14		230.53	
Dec	173.40		226.98		284.45		238.32		230.05	

Source: Uganda Bureau of Statistics

Statistical Release Table B (continued)

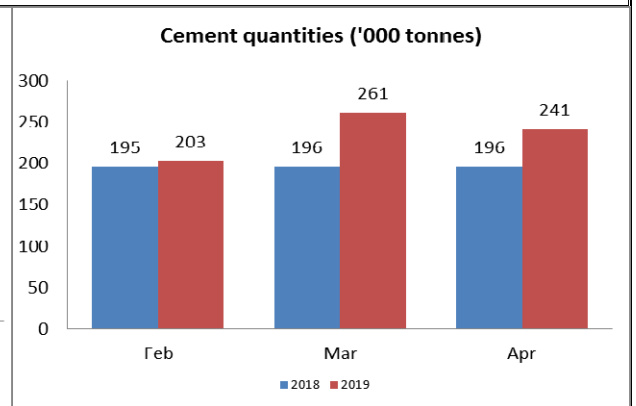
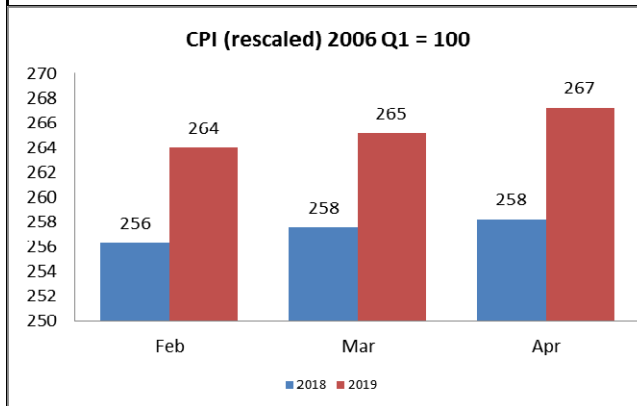
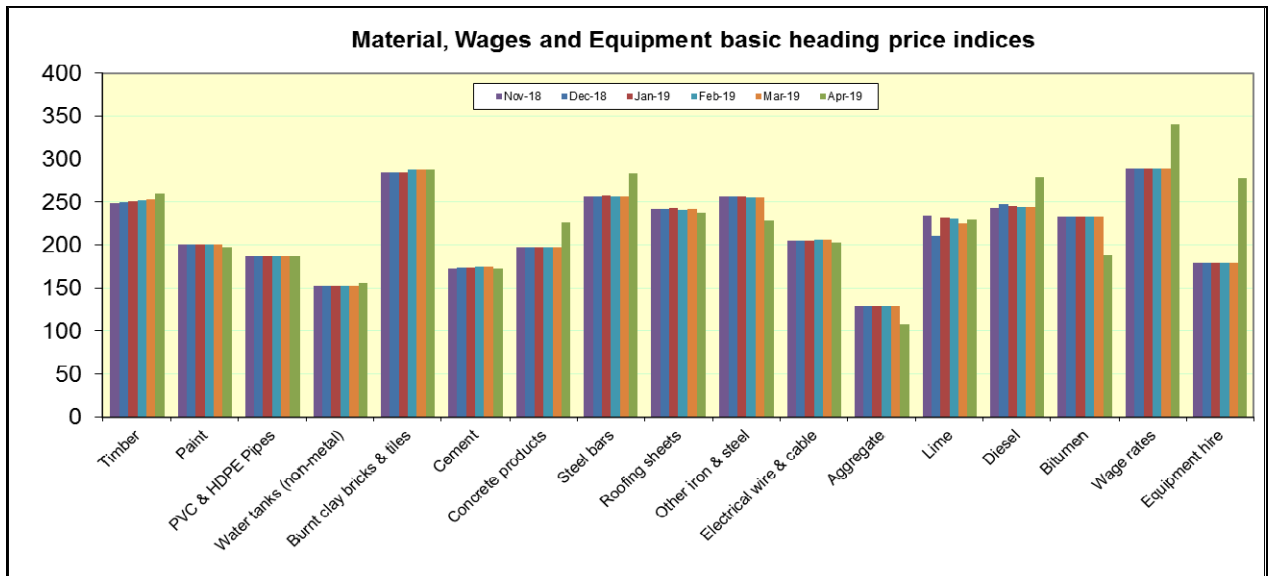
Basic heading price indices, CPI Rescaled and Equipment charge out rates and cement quantities

Jan-Mar 2006 = 100

	Electrical wire & cable		Aggregate		Lime		Diesel		Bitumen	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Year	196.04		99.64		225.92		263.73		187.65	
Q1	186.27	203.33	90.39	108.89	215.08	230.88	233.66	282.46	187.22	187.22
Q2	191.74		90.39		226.68		260.69		187.96	
Q3	202.92		108.89		233.17		277.15		187.79	
Q4	203.21		108.89		228.75		283.44		187.62	
Jan	186.14	203.05	90.39	108.89	214.66	233.26	221.41	284.63	187.18	187.25
Feb	186.11	203.47	90.39	108.89	215.62	232.16	236.18	283.23	187.16	187.14
Mar	186.55	203.47	90.39	108.89	214.97	227.23	243.40	279.50	187.33	187.28
Apr	191.68	203.60	90.39	108.89	232.10	230.10	254.77	279.33	187.58	188.12
May	192.25		90.39		226.35		259.69		187.81	
Jun	191.30		90.39		221.58		267.60		188.48	
Jul	202.72		108.89		236.60		275.55		187.81	
Aug	202.60		108.89		233.88		276.66		187.47	
Sep	203.44		108.89		229.04		279.24		188.08	
Oct	203.35		108.89		238.04		281.70		187.81	
Nov	203.19		108.89		235.62		282.35		187.67	
Dec	203.09		108.89		212.58		286.26		187.38	

	Labour wage rates		Equipment charge out rates		CPI (rescaled) 2006 Q1 = 100		Cement quantities ('000 tonnes)	
	2018	2019	2018	2019	2018	2019	2018	2019
Year	339.23		278.57		260.21		2217.07	
Q1	337.93	340.02	278.41	277.23	256.74	264.16	608.38	701.80
Q2	338.95		278.66		258.94		586.99	
Q3	340.01		279.16		261.91		549.08	
Q4	340.01		278.04		263.26		472.62	
Jan	336.96	340.02	278.41	277.23	256.32	263.32	217.11	237.95
Feb	338.42	340.02	278.41	277.23	256.34	264.00	195.45	203.02
Mar	338.42	340.02	278.41	277.23	257.56	265.18	195.82	260.83
Apr	338.42	340.02	278.41	277.23	258.26	267.23	196.12	240.89
May	338.42		278.41		259.50		208.97	
Jun	340.01		279.16		259.06		181.91	
Jul	340.01		279.16		258.68		205.69	
Aug	340.01		279.16		262.44		168.75	
Sep	340.01		279.16		264.62		174.64	
Oct	340.01		279.16		263.68		163.98	
Nov	340.01		277.71		263.29		151.81	
Dec	340.02		277.23		262.80		156.83	

Source: Uganda Bureau of Statistics



**Explanatory Notes on the Statistical Release**

The data presented in this Statistical Release are indices designed to show price changes in each period. On page 1 there is a short commentary highlighting the main changes observed.

The graphs on page 1 are derived from Table A “Construction Sector Price Indices” on page 4 of the statistical release. The first graph shows the price changes for the whole sector for each month for the one year. The second graph shows the monthly average price indices in each month for the whole sector and the major sub-sectors.

The charts on page 6 above show the indices for the latest Six months for each basic heading. The Consumer Price Index (CPI, rescaled) and the quantity of cement for the domestic market are also shown. (Rescaling means multiplying or dividing the original series by a constant factor so as to compare with the current trends in say CPI)

If the bars in the charts are at almost the same level, then they indicate very little (if any) change in prices. An increase in the height of the bars indicates an increase in the prices while a reduction in the height implies a decline in prices.