

STATISTICAL RELEASE
P0151

Contract Price Adjustment Provisions (CPAP)
Work Groups and Selected Materials Indices

October 2017

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KEY FINDINGS

Monthly changes in the CPAP indices

In October 2017, month-on-month percentage changes in the work group indices ranged from -0,2% for work group 110 to 3,3% for work group 124.

Noteworthy changes in the results for October 2017 are as follows:

- **Work group 110:** The monthly percentage decrease of 0,2% reflected by this index was mainly due to a 0,3% monthly decrease in the PPI for Cement retail price, which accounts for 45,0% and 0,4% monthly decrease in the PPI for Sand, which accounts for 13,0% of the index.
- **Work group 141:** The monthly percentage increase of 2,8% reflected by this index was mainly due to a 5,3% monthly increase in the PPI for Stainless steel products – flat rolled, which accounts for 50,0% of the index.
- **Work group 160:** The monthly percentage increase of 2,8% reflected by this index was mainly due to a 5,1% monthly increase in SEIFSA indices for Trunk index, which accounts for 30,0% of the index.
- **Work group 162:** The monthly percentage increase of 3,0% reflected by this index was mainly due to a 7,2% monthly increase in SEIFSA indices for Aluminium products, which accounts for 25,0% of the index.
- **Work group 124:** The monthly percentage increase of 3,3% reflected by this index was mainly due to a 3,9% monthly increase in SEIFSA indices for Galvanised Sheets, which accounts for 85,0% of the index.

Risenga Maluleke
Statistician-General

DETAILED RESULTS

Table 1 - Work group indices

Base: Dec 2016=100

Year and month		102	104	106	110	111	112	113	114
		Alterations	Earthworks	Piling	Concrete (excluding formwork)	Formwork	Precast concrete	Post tensioning	Reinforcement
2016	Oct	99,3	99,9	99,4	100,1	99,6	99,1	95,5	95,7
	Nov	99,6	100,0	99,4	100,2	99,8	99,2	95,6	95,8
	Dec	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
2017	Jan	100,6	100,3	100,6	100,4	100,3	100,7	100,2	103,1
	Feb	101,7	101,1	101,6	102,7	100,7	101,6	100,5	103,4
	Mar	102,3	101,4	101,5	101,5	101,7	101,8	100,6	103,5
	Apr	102,4	102,0	102,0	101,8	101,9	101,3	100,6	103,5
	May	102,7	102,2	103,0	105,4	102,1	102,7	100,7	103,6
	Jun	102,9	102,0	102,8	105,6	102,1	102,8	100,8	103,7
	Jul	103,2	102,2	103,1	106,4	102,2	103,1	100,9	103,7
	Aug	103,3	102,3	103,8	106,7	102,3	103,7	100,9	107,3
	Sep	103,8	102,3	104,6	107,3	102,6	105,1	101,0	111,6
	Oct	104,1	102,8	105,3	107,1	102,8	105,5	101,1	114,2

Year and month		116	118	120	122	124	125	126	129
		Brick and block work	Masonry	Water proofing	Non metal roofing	Metal roofing (steel)	Metal roofing (aluminium)	Carpentry and joinery	Ceilings
2016	Oct	99,1	100,5	99,8	100,9	93,2	99,0	99,8	100,2
	Nov	99,5	100,1	100,0	101,3	100,0	99,9	99,8	100,5
	Dec	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
2017	Jan	99,5	100,1	105,1	100,1	100,8	100,1	97,8	100,6
	Feb	100,6	100,6	105,2	101,1	101,0	100,6	97,7	100,9
	Mar	100,5	101,3	105,4	101,2	101,7	101,2	98,2	104,1
	Apr	100,9	101,4	105,8	101,3	101,7	102,0	99,8	104,2
	May	101,8	101,3	106,1	102,3	101,7	102,5	101,5	104,3
	Jun	102,2	101,8	106,1	102,4	100,3	102,5	101,2	104,2
	Jul	102,0	102,5	105,8	103,6	100,3	102,9	101,7	105,6
	Aug	102,1	103,0	106,1	103,6	100,3	103,4	102,2	104,4
	Sep	102,2	103,3	106,4	103,7	103,8	107,2	102,3	105,6
	Oct	102,6	103,8	106,8	103,7	107,2	108,6	102,8	105,6

Year and month		130	132	134	136	138	140	141	142
		Resilient floor and wall coverings	Ironmongery	Structural steelwork in buildings	Metalwork	Partitioning systems	Aluminium work	Stainless steel work	In situ finishes
2016	Oct	99,9	99,8	99,5	99,7	99,9	99,7	100,5	99,5
	Nov	99,9	99,9	99,7	99,9	100,1	99,8	97,9	99,7
	Dec	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
2017	Jan	100,1	100,1	100,3	100,2	99,1	100,2	100,4	100,5
	Feb	100,5	100,4	100,9	100,6	99,5	100,7	105,4	102,2
	Mar	100,9	102,8	101,2	100,8	100,8	100,9	105,0	102,0
	Apr	101,2	102,9	101,2	99,9	100,6	101,0	106,2	102,3
	May	101,6	102,9	101,3	100,0	102,1	101,1	106,3	105,0
	Jun	101,6	103,0	101,4	100,1	102,1	101,2	105,1	105,2
	Jul	101,6	103,0	101,6	100,2	102,2	101,3	104,5	105,7
	Aug	101,7	103,1	101,6	100,2	102,3	101,3	103,4	105,9
	Sep	103,2	103,2	102,1	101,1	103,2	104,7	102,4	106,1
	Oct	103,2	103,2	102,3	101,2	103,4	105,9	105,3	106,2

Table 1 - Work group indices (concluded)

Base: Dec 2016=100

Year and month		144	146	148	149	150	152	154	160
		Tiling	Drainage	Plumbing	Aluminium shop fronts and pre-glazed windows	Glazing	Painting	Roadwork	Electrical installations
2016	Oct	99,7	99,5	99,6	99,7	99,9	99,5	100,4	92,1
	Nov	99,8	99,7	99,1	99,8	99,9	99,7	101,0	94,8
	Dec	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
2017	Jan	100,3	102,0	101,2	100,2	100,1	100,6	103,2	101,6
	Feb	101,6	103,0	102,9	100,7	100,2	101,4	104,3	101,6
	Mar	101,8	103,4	102,9	100,9	100,2	102,9	103,4	102,1
	Apr	102,2	103,5	103,2	101,0	100,2	103,0	103,0	100,6
	May	102,3	103,6	103,1	101,1	100,3	103,2	103,5	101,0
	Jun	102,4	103,8	102,7	101,2	100,3	103,4	102,0	98,7
	Jul	102,5	101,2	101,4	101,3	100,3	103,6	101,8	100,5
	Aug	102,6	101,2	101,4	101,3	100,3	103,8	102,1	103,2
	Sep	102,8	101,5	99,6	102,8	100,4	104,7	104,2	107,7
	Oct	102,7	102,0	101,3	103,4	100,4	104,9	104,8	110,7

Year and month		162	170	171	172	173	180	181	190
		Electrical reticulation	Mechanical services	Ductwork installations	Refrigeration installations	Steel water pipe installations	Lump sum domestic buildings	Commercial/industrial buildings	Lump sum preliminaries
2016	Oct	91,1	99,5	95,9	93,4	96,2	98,4	98,4	99,4
	Nov	92,9	99,6	95,9	93,3	98,5	99,1	99,1	99,9
	Dec	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
2017	Jan	101,5	99,8	100,4	101,4	100,2	100,3	100,6	100,6
	Feb	101,3	100,3	100,4	101,2	100,3	101,1	101,4	101,5
	Mar	101,9	100,3	100,8	101,5	100,3	101,3	101,7	101,9
	Apr	101,3	100,0	100,8	99,6	100,3	101,5	101,8	102,2
	May	102,3	100,0	100,8	100,4	100,3	102,4	102,5	102,7
	Jun	99,7	99,9	99,9	99,0	100,3	102,1	102,2	102,5
	Jul	100,0	102,1	102,7	101,8	102,9	102,2	102,5	102,0
	Aug	103,0	102,1	102,7	104,4	104,4	102,7	103,0	102,3
	Sep	108,5	102,8	104,7	108,2	104,4	103,4	104,0	102,9
	Oct	111,7	103,8	106,7	108,9	104,4	104,2	104,9	103,8

Table 2 - Supply index (This is not a CPAP work group index but is published for general information)

Year and month		Steel bar reinforcement - supplied, cut, bent and delivered December 2016=100
2016	Oct	96,1
	Nov	96,1
	Dec	100,0
2017	Jan	103,1
	Feb	103,1
	Mar	103,1
	Apr	103,1
	May	103,1
	Jun	103,1
	Jul	104,5
	Aug	108,3
	Sep	112,8
	Oct	115,4

Termination of Tables 2, 3 and 4 – P0151

The price indices for materials used in certain industries (Table 3) and selected materials (Table 4) were temporarily suspended from publication in the statistical release P0151 as from August 2014. These price indices were only available on request from Statistics South Africa (Stats SA) after this date.

After further research and prioritisation, Stats SA has decided to terminate these tables as well as Table 2 - Supply index, published in the statistical release P0151, due to their not meeting the quality standards demanded of official statistics. Resources will rather be used to improve other official publications. These indices will not be available from January 2018 (December 2017 indices).

Stats SA suggests that users rather make use of indices published in the Producer Price Index (P0142.1) or Construction Price Adjustment Provisions (P0151).

Stats SA is aware that these indices are sometimes used for contract escalation purposes. Should there be representative industry bodies that wish to engage Stats SA with regard to their need for official price indices, they may contact Richard Klaas or Marietjie Bennett.

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Explanatory notes

Contract Price Adjustment Provisions (CPAP)	The contract between Statistics South Africa and JBCC expired on 31 December 2011. No new subscriptions are available.
Source	The CPAP statistical release consists of indices derived from changes in the cost structures prevailing in 37 different sectors of the building industry and is published by Stats SA on a monthly basis. The indices reported on in this publication are mainly based on a combination of PPI, SEIFSA and CPI indices for the particular month.
Haylett Formula	The indices contained in this release are calculated and published for use in conjunction with the "Haylett Formula".
Tax	Sales tax (GST) and value added tax (VAT) are not included in these indices.
CPAP manuals	The updated CPAP manuals "CPAP Application Manual" and "CPAP Work Groups Composition and Weighting of Sub-Indices" are obtainable from The Association of the South African Quantity Surveyors – ASAQS, website: www.asaqs.co.za - search for CPAP, or by phoning (012) 310 2185.

Glossary

JBCC	Joint Building Contracts Committee
SEIFSA	Steel and Engineering Industries Federation of Southern Africa

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