

STATISTICAL RELEASE
P0151

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

May 2017

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KEY FINDINGS

Monthly changes in the CPAP indices

In May 2017, month-on-month percentage changes in the work group indices ranged from -0,1% for work group 118 and 148 to 3,5% for work group 110.

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

- **Work group 110:** The monthly percentage increase of 3,5% reflected by this index was mainly due to a 1,0% monthly increase in the PPI for Cement retail price, which accounts for 45,0% and 22,9% monthly increase in the PPI for Sand, which accounts for 13,0% of the index.
- **Work group 142:** The monthly percentage increase of 2,6% reflected by this index was mainly due to a 22,9% monthly increase in the PPI for Sand, which accounts for 10,0% of the index.
- **Work group 126:** The monthly percentage increase of 1,7% reflected by this index was mainly due to a 9,2% monthly increase in the PPI for Flush doors, which accounts for 15,0% of the index.
- **Work group 138:** The monthly percentage increase of 1,5% reflected by this index was mainly due to a 9,2% monthly increase in the PPI for Flush doors, which accounts for 16,0% of the index.

Revisions to Work Groups 112, 124, 129, 136, 138, 160, 162, 170, 171 and 180 from January 2017 to April 2017, were due to changes in SEIFSA indices for Galvanised sheets, Light Sections, Medium Sections, Hot Rolled Sheets and Zinc.

PJ Lehohla
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	May	97,3	98,1	98,6	100,2	97,4	97,2	92,4	96,8
	Jun	97,9	98,9	99,0	99,8	97,8	98,4	92,5	97,0
	Jul	98,7	99,5	99,2	100,1	98,3	98,5	92,6	95,6
	Aug	98,6	99,7	99,5	100,6	98,3	98,6	95,4	95,6
	Sep	98,8	99,8	99,4	100,1	99,3	99,0	95,4	95,6
	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 r	100,6	103,5
	May	102,7	102,2	103,0	105,4	102,1	102,7	100,7	103,6

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	May	98,2	99,9	90,2	99,0	85,9	99,6	95,5	99,1
	Jun	97,7	99,8	93,0	99,3	91,0	99,7	96,4	99,4
	Jul	98,2	99,6	93,6	99,9	91,1	99,8	96,4	99,8
	Aug	98,3	100,1	96,3	100,3	91,1	99,0	96,4	100,4
	Sep	99,0	99,8	99,5	100,9	91,1	99,0	99,9	100,0
	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 r	100,1	97,8	100,6
	Feb	100,6	100,6	105,2	101,1	101,0 r	100,6	97,7	100,9
	Mar	100,5	101,3	105,4	101,2	101,7 r	101,2	98,2	104,1
	Apr	100,9	101,4	105,8	101,3	101,7 r	102,0	99,8	104,2 r
	May	101,8	101,3	106,1	102,3	101,7	102,5	101,5	104,3

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	May	96,7	99,4	98,2	95,0	96,5	99,6	97,8	98,2
	Jun	96,8	99,5	98,7	99,3	97,7	99,9	99,8	98,4
	Jul	97,1	99,7	99,2	99,5	98,1	100,2	98,1	99,1
	Aug	97,1	99,7	99,1	99,5	98,3	99,4	99,1	99,1
	Sep	97,1	99,7	99,2	99,6	99,7	99,5	100,2	99,2
	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 r	100,6 r	101,0	106,2	102,3
	May	101,6	102,9	101,3	100,0	102,1	101,1	106,3	105,0

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	May	98,0	98,2	98,8	99,2	99,7	98,0	95,7	91,2
	Jun	98,7	98,7	99,2	99,5	99,8	98,6	99,3	94,3
	Jul	99,0	98,7	99,1	99,8	99,9	99,1	101,0	94,3
	Aug	99,0	99,1	99,2	99,5	99,9	99,6	101,8	94,0
	Sep	99,1	99,2	99,4	99,5	99,9	99,2	99,5	92,4
	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 r
	Feb	101,6	103,0	102,9	100,7	100,2	101,4	104,3	101,6 r
	Mar	101,8	103,4	102,9	100,9	100,2	102,9	103,4	102,1 r
	Apr	102,2	103,5	103,2	101,0	100,2	103,0	103,0	100,6 r
	May	102,3	103,6	103,1	101,1	100,3	103,2	103,5	101,3

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	May	92,2	95,1	89,5	93,2	91,3	96,4	96,4	97,6
	Jun	96,3	95,3	91,8	94,3	91,7	97,4	97,4	98,6
	Jul	94,2	99,2	95,9	95,7	96,2	97,7	98,0	99,5
	Aug	93,7	99,2	95,9	95,9	96,2	97,8	98,0	99,3
	Sep	91,9	99,3	95,9	92,9	96,2	98,0	98,1	99,1
	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 r	99,8	100,4 r	101,4	100,2	100,3 r	100,6	100,6
	Feb	101,3 r	100,3	100,4 r	101,2	100,3	101,1	101,4	101,5
	Mar	101,9 r	100,3	100,8 r	101,5	100,3	101,3	101,7	101,9
	Apr	101,3 r	100,0 r	100,8 r	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

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 Dec 2016 = 100
2016	May	95,5
	Jun	95,5
	Jul	96,1
	Aug	96,1
	Sep	96,1
	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

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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