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

February 2017

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Richard Klaas
(012) 310 2185

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www.statssa.gov.za
info@statssa.gov.za
T +27 12 310 8911
F +27 12 310 8500

Private Bag X44, Pretoria, 0001, South Africa
ISibalo House, Koch Street, Salvokop, Pretoria, 0002



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KEY FINDINGS

Monthly changes in the CPAP indices

In February 2017, month-on-month percentage changes in the work group indices ranged from -0,2% for work group 162 and 172 to 5,0% for work group 141.

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

- **Work group 141:** The monthly percentage increase of 5,0% reflected by this index was mainly due to an 8,8% monthly increase in the PPI for Stainless steel products – flat rolled, which accounts for 50,0% of the work group 141 index.
- **Work group 110:** The monthly percentage increase of 2,3% reflected by this index was mainly due to a 4,1% monthly increase in the PPI for Cement retail price, which accounts for 45,0% of the work group 110 index.
- **Work group 162:** The monthly percentage decrease of 0,2% reflected by this index was mainly due to a 0,8% monthly decrease in SEIFSA Price of Copper 7,90mm Rod, which accounts for 45,0% of the work group 162 index.
- **Work group 172:** The monthly percentage decrease of 0,2% reflected by this index was mainly due to a 0,8% monthly decrease in SEIFSA indices for Metal prices – Copper RCP/ Metric Ton, which accounts for 40,0% of the work group 172 index.

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	Feb	95,7	96,2	96,3	103,7	95,2	94,2	83,4	86,4
	Mar	96,4	97,1	96,4	101,3	96,0	94,0	83,6	86,6
	Apr	97,2	97,7	97,4	101,3	97,3	95,4	87,2	90,7
	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

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	Feb	97,9	99,2	88,3	98,1	79,4	101,4	94,2	97,5
	Mar	98,0	99,2	89,2	98,8	80,9	101,5	94,7	98,3
	Apr	98,3	99,8	90,0	99,2	81,0	101,8	95,3	99,0
	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	100,1	100,1	97,8	100,6
	Feb	100,6	100,6	105,2	101,1	100,3	100,6	97,7	100,9

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	Feb	93,2	94,6	96,9	92,5	95,1	101,8	96,2	98,3
	Mar	92,7	96,7	97,4	92,7	95,7	102,1	96,7	98,1
	Apr	96,5	98,1	97,9	93,7	96,3	102,4	97,6	98,6
	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
Feb		100,5	100,4	100,9	100,6	99,5	100,7	105,4	102,2

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	Feb	97,2	94,6	97,0	99,6	99,6	96,4	96,2	91,0
	Mar	97,6	96,3	97,7	99,9	99,6	97,0	94,3	91,2
	Apr	98,0	96,9	98,3	100,3	99,7	97,5	95,5	92,2
	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
Feb		101,6	103,0	102,9	100,7	100,2	101,4	104,3	101,4

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	Feb	95,5	93,8	86,5	94,5	89,8	95,1	94,8	95,3
	Mar	94,1	94,2	87,1	94,2	90,1	95,4	95,0	96,0
	Apr	95,2	94,6	87,1	96,8	90,6	96,2	96,0	97,0
	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	101,3	99,8	100,0	101,4	100,2	100,2	100,6
Feb		101,1	100,3	100,0	101,2	100,3	101,1	101,4	101,5

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	Feb	85,8
	Mar	85,8
	Apr	89,6
	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
Feb		103,1

Note: Temporary suspension of Tables 3 and 4

The price indices for materials used in certain industries (Table 3) and selected materials (Table 4) are temporarily suspended from publication in this statistical release (P0151). Stats SA is in the process of reconstructing these tables and their publication will resume as soon as possible. The price indices can, however, be obtained on request by contacting Stats SA (see contact details below).

For further information please contact Richard Klaas, 012 310 2185 or Richardk@statssa.gov.za

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

General Information

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Enquiries

Telephone number - technical enquiries	Richard Klaas (012) 310 2185
Telephone number - other	(012) 310 8600 / 8390 / 8351 / 4892 / 8496 / 8095 (user information services) (012) 310 8490 (library)
Fax number	(012) 310 8332
Email address	RichardK@statssa.gov.za (technical enquiries) info@statssa.gov.za (user information services) Enquiries in connection with contract price adjustment provisions should be directed, in writing, to Mr Hoffie Cruywagen (Hoffie.Cruywagen@up.ac.za).
Postal address	Private Bag X44, Pretoria, 0001

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