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

March 2017

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CONTENTS

KEY FINDINGS 3

DETAILED RESULTS 4

Table 1 - Work group indices 4

Table 2 - Supply index (This is not a CPAP work group index but is published for general information) 5

Note: Temporary suspension of Tables 3 and 4 6

Explanatory notes..... 7

Glossary 7

General Information..... 8

KEY FINDINGS

Monthly changes in the CPAP indices

In March 2017, month-on-month percentage changes in the work group indices ranged from -1,2% for work group 110 to 3,2% for work group 129.

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

- **Work group 129:** The monthly percentage increase of 3,2% reflected by this index was mainly due to a 5,5% monthly increase in the PPI for Gypsum board, which accounts for 25,0% of the index, a 5,5% monthly increase in the PPI for Drop in ceiling tiles - gypsum, which accounts for 20,0% of the index and a 5,5% monthly increase in the PPI for Drop in ceiling tiles - masonite, which accounts for 15,0% of the index.
- **Work group 132:** The monthly percentage increase of 2,4% reflected by this index was mainly due to a 4,9% monthly increase in the PPI for Hinges, which accounts for 26,0% of the index and a 3,9% monthly increase in the PPI for Lever locks, which accounts for 31,0% of the index.
- **Work group 110:** The monthly percentage decrease of 1,2% reflected by this index was mainly due to a 2,9% monthly decrease in the PPI for Cement retail price, which accounts for 45,0% of the 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	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
	Mar	102,3	101,4	101,5	101,5	101,7	101,8	100,6	103,5

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	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
	Mar	100,5	101,3	105,4	101,2	100,3	101,2	98,2	104,1

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	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	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

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	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	101,5
	Feb	101,6	103,0	102,9	100,7	100,2	101,4	104,3	101,4
	Mar	101,8	103,4	102,9	100,9	100,2	102,9	103,4	101,8

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	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	100,6
	Feb	101,1	100,3	100,0	101,2	100,3	101,1	101,4	101,5
	Mar	101,6	100,3	100,0	101,5	100,3	101,3	101,7	101,9

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	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	103,1
	Feb	103,1
	Mar	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

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