

Statistical release

P0151

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

January 2014

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KEY FINDINGS FOR JANUARY 2014

MONTHLY CHANGES IN THE CPAP INDICES

In January 2014, month-on-month percentage changes in the work group indices ranged from 0,0% for work groups 171 and 173 to 3,0% for work group 162. The Consumer Price Index for January 2014 increased by 0,7% month-on-month.

The three indices reflecting monthly percentage changes mainly due to factors other than the headline CPI are:

- **Work group 172:** The monthly percentage increase of 2,0% reflected by this index was mainly due to a 3,7% monthly increase in Seifsa for Metal prices – Copper RCP Metric Ton, which accounts for approximately 40,0% of the work group 172 index.
- **Work group 160:** The monthly percentage increase of 2,7% reflected by this index was mainly due to a 4,0% monthly increase in Seifsa for Metal prices – Copper 7,9mm Rod, which accounts for approximately 35,0% of the work group 160 index.
- **Work group 162:** The monthly percentage increase of 3,0% reflected by this index was mainly due to a 4,0% monthly increase in Seifsa for Metal prices – Copper 7,9mm Rod, which accounts for approximately 45,0% of the work group 162 index.

NOTE:

Statistics SA wishes to improve the coverage and relevance of **Table 4: PPI for selected materials**. We therefore invite inputs on which indices are useful or if there are possible additions required. Please direct your contribution to: richardk@statssa.gov.za.

PJ Lehohla
Statistician-General

Table 1 – Work group indices

BASE : FEB, 1991 = 100

YEAR AND MONTH		WORK GROUPS									
		102	104	106	110	111	112	113	114	116	118
		ALTERATIONS	EARTHWORKS	PILING	CONCRETE (EXCLUDING FORMWORK)	FORMWORK	PRECAST CONCRETE	POST TENSIONING BASE:JAN.2005=100	REINFORCEMENT	BRICK AND BLOCK WORK	MASONRY
2013	January	378,7	389,3	413,7	554,2	422,2	486,0	228,6	611,9	516,5	345,4
	February	382,4	391,7	417,0	557,3	425,3	491,5	234,4	625,6	521,8	350,2
	March	387,0	396,2	420,2	559,1	431,9	495,7	234,9	627,5	528,2	352,9
	April	388,5	397,2	423,0	560,6	433,8	502,5	240,4	644,4	529,2	359,4
	May	387,3	398,0	424,9	564,6	432,4	502,8	240,3	643,9	529,5	353,3
	June	388,5	400,2	426,9	566,5	433,1	503,7	240,4	644,4	535,1	357,3
	July	392,6	405,5	431,1	569,2	435,9	505,8	240,9	646,0	540,1	359,9
	August	393,8	407,9	432,7	567,8	436,6	505,8	241,0	646,5	543,1	360,6
	September	395,7	409,8	433,1	562,6	438,0	505,1	241,3	647,2	544,5	363,1
	October	396,4	411,8	434,8	562,9	438,5	505,4	241,4	647,5	545,6	364,5
	November	396,8	412,7	435,7	563,8	438,7	505,8	241,4	647,7	547,5	364,7
	December	397,9	413,7	436,4	564,3	439,5	506,3	241,5	648,1	547,9	365,3
2014	January	400,6	416,2	438,6	566,5	441,1	509,0	241,8	650,6	550,1	366,8

YEAR AND MONTH		120 WATER PROOFING	122 NON METAL ROOFING	124 METAL ROOFING (STEEL)	125 METAL ROOFING (ALUMINIUM)	126 CARPENTRY AND JOINERY	129 CEILINGS	130 RESILIENT FLOOR AND WALL COVERINGS	132 IRONMONGERY	134 STRUCTURAL STEELWORK IN BUILDINGS	136 METALWORK
2013	January	422,2	556,8	545,8	336,4	386,6	425,9	468,0	358,6	546,6	438,8
	February	422,7	561,6	546,9	341,9	386,2	431,9	472,3	360,0	551,8	443,0
	March	440,7	571,4	588,6	342,5	391,3	433,2	480,3	361,2	555,7	444,9
	April	440,9	580,6	617,8	342,6	390,9	435,0	484,7	361,5	558,9	450,0
	May	440,8	576,6	617,5	342,5	389,2	434,7	484,4	361,6	558,0	436,8
	June	449,3	577,9	617,8	376,7	389,6	435,0	484,7	365,2	558,9	437,3
	July	457,2	578,8	619,0	377,2	391,9	441,0	498,0	385,9	562,5	439,0
	August	457,3	581,2	619,3	384,7	395,4	441,3	498,3	384,4	563,5	446,0
	September	457,6	584,8	619,8	385,0	396,7	441,6	512,3	384,9	565,1	446,8
	October	466,3	585,0	620,1	385,1	397,1	444,7	515,4	385,7	565,8	447,1
	November	466,3	585,1	620,2	383,8	397,3	444,8	515,5	385,8	566,1	447,2
	December	466,5	585,3	620,5	383,9	397,7	445,1	515,8	386,1	567,1	447,7
2014	January	466,9	585,9	621,2	391,4	398,8	446,3	516,6	386,7	569,3	450,2

Table 1 – Work group indices (continued)

YEAR AND MONTH		WORK GROUPS									
		138 PARTITIONING SYSTEMS	140 ALUMINIUM WORK	141 STAINLESS STEEL WORK	142 IN SITU FINISHES	144 TILING	146 DRAINAGE	148 PLUMBING	149 ALUMINIUM SHOP FRONTS AND PREGLAZED WINDOWS	150 GLAZING	152 PAINTING
2013	January	445,4	432,7	365,8	440,2	387,9	356,8	389,9	310,8	367,4	437,7
	February	452,4	434,7	367,7	443,6	389,5	359,3	391,4	312,6	368,8	440,4
	March	454,3	437,2	370,0	447,4	388,4	364,8	394,2	314,3	369,4	448,2
	April	456,5	438,0	370,7	449,0	389,1	365,8	395,9	314,9	369,6	449,7
	May	456,0	437,4	370,1	448,6	388,6	365,0	395,4	314,4	369,4	449,4
	June	456,7	438,0	370,7	450,0	389,1	366,3	395,9	316,4	374,6	450,7
	July	461,9	455,5	372,8	454,2	393,1	369,1	398,7	325,4	384,3	454,1
	August	462,3	456,1	373,4	455,2	393,6	369,8	399,1	325,8	384,4	455,0
	September	463,1	455,8	374,3	454,7	396,4	371,2	407,3	327,4	388,7	460,7
	October	464,9	456,2	374,7	455,3	398,5	371,4	409,0	336,5	417,2	461,2
	November	465,1	456,4	374,9	455,7	398,6	371,7	409,1	336,7	417,3	461,5
	December	465,6	457,0	375,5	456,7	399,1	372,4	409,6	337,1	417,4	462,3
2014	January	467,2	458,5	376,8	459,4	400,2	374,6	410,7	338,1	417,7	464,3

YEAR AND MONTH		154 ROADWORK	160 ELECTRICAL INSTALLATIONS	162 ELECTRICAL RECTIFICATION	170 MECHANICAL SERVICES	171 DUCTWORK INSTALLATIONS	172 REFRIGERATION INSTALLATIONS	173 STEEL WATER PIPE INSTALLATIONS	180 LUMP SUM DOMESTIC BUILDINGS	181 COMMERCIAL/INDUSTRIAL BUILDINGS	190 LUMP SUM PRELIMINARIES
2013	January	587,8	509,6	587,1	528,9	536,7	886,3	473,3	447,3	452,4	414,5
	February	591,7	514,0	594,2	530,6	538,0	902,2	484,7	450,0	456,0	417,2
	March	594,2	518,5	600,2	533,1	555,4	909,0	485,0	456,5	460,9	422,5
	April	594,8	524,1	606,5	535,1	569,1	900,3	486,4	459,5	464,1	423,7
	May	601,3	519,5	598,0	535,6	569,1	865,6	486,4	458,0	463,3	421,8
	June	608,6	522,1	602,0	537,0	569,1	880,6	484,8	460,1	465,2	423,0
	July	617,0	536,9	617,3	559,8	591,8	924,3	511,9	465,2	471,5	429,3
	August	614,2	538,9	619,3	565,3	591,8	911,7	511,9	467,0	472,9	431,8
	September	611,6	543,8	626,8	566,3	591,8	940,9	511,9	470,0	475,5	433,7
	October	611,8	544,0	626,1	567,7	591,8	934,0	513,0	471,3	476,8	434,8
	November	611,3	543,8	625,7	568,1	591,8	932,2	513,0	471,8	477,2	434,8
	December	613,7	548,6 r	627,9 r	568,9	591,8	938,7	513,2	487,8 r	491,4 r	435,3
2014	January	615,1	563,5	646,4	573,1	591,8	957,8	513,2	492,1	495,7	438,4

Table 2 – SUPPLY INDEX

(This is not a CPAP work group index but is published for general information)

BASE: FEB, 1991 = 100

YEAR AND MONTH		STEEL BAR REINFORCEMENT - SUPPLIED, CUT, BENT AND DELIVERED
2013	January	613,2
	February	625,4
	March	625,4
	April	641,6
	May	641,6
	June	641,6
	July	653,6
	August	653,6
	September	653,6
	October	653,6
	November	653,6
	December	653,6
2014	January	655,0

Table 3 – Producer Price Index for materials used in certain industries**Base 2012=100**

Industry		Indices			% change between	
		Jan 2013	Dec 2013	Jan 2014	Dec 2013 and Jan 2014	Jan 2013 and Jan 2014
Building and construction		103,8	110,0	110,7	+0,6	+6,6
	Building industries	103,9	110,1	110,8	+0,6	+6,6
	Civil engineering	101,8	105,1	105,9	+0,7	+4,0
Electrical engineering		101,7	106,7	106,9	+0,1	+5,1
Mechanical engineering		101,3	104,7	105,1	+0,3	+3,7

Table 4 – Producer Price Index for selected materials**Base : 2012 = 100**

Type of materials		Indices			% change between	
		Jan 2013	Dec 2013	Jan 2014	Dec 2013 and Jan 2014	Jan 2013 and Jan 2014
Aggregated crushed stone		100,5	104,3	104,3	0,0	+3,7
Aluminium	Anodising	100,0	100,0	100,0	0,0	0,0
	Basic forms	102,9	107,6	107,6	0,0	+4,5
	Extruded products	100,0	100,0	100,0	0,0	0,0
	Sheeting	105,8	120,3	120,3	0,0	+13,7
Aluminium lever furniture		105,3	109,6	109,6	0,0	+4,0
Angles, mild steel		106,1	112,1	112,1	0,0	+5,6
Bead wire		100,0	100,0	100,0	0,0	0,0
Bearings, ball and roller		102,0	107,9	107,9	0,0	+5,7
Billets, mild steel		100,0	100,0	100,0	0,0	0,0
Bitumen		103,4	107,7	107,7	0,0	+4,1
Bitumen and Acrylic Emulsion		103,3	117,4	117,4	0,0	+13,6
Boxes, corrugated cardboard		103,1	117,4	117,4	0,0	+13,8
Bricks - Face		105,7	112,2	112,2	0,0	+6,1
Bricks - Stock		105,0	113,8	114,0	+0,1	+8,5
Building boards		100,6	106,1	105,9	-0,1	+5,2
Ceiling materials		101,0	105,5	105,5	0,0	+4,4
Cement Retail price		101,7	100,4	100,7	+0,2	-0,9
Cement building blocks		103,1	107,8	110,7	+2,6	+7,3
Ceramic and encaustic wall and floor tiles and mosaics		98,7	100,3	100,3	0,0	+1,6
Chrome		100,0	100,0	100,0	0,0	0,0
Civil engineering plant		102,3	110,1	110,7	+0,5	+8,2
Coal, Anthracite - for local sales Grade A		100,0	100,0	100,0	0,0	0,0
Coal, Anthracite - for local sales Grade SP		114,0	113,7	109,1	-4,0	-4,2
Coal, Cobbles - grade A		100,0	100,0	100,0	0,0	0,0
Coal, Cobbles - grade B		100,0	100,0	100,0	0,0	0,0
Coal, Large nuts - grade A		100,0	100,0	100,0	0,0	0,0
Coal, Large nuts - grade B		102,9	102,9	102,9	0,0	0,0
Coal, Peas - grade A		100,9	110,0	110,0	0,0	+9,0
Coal, Peas - grade B		103,7	103,7	103,7	0,0	0,0
Coal, Small nuts - grade A		98,6	107,4	107,4	0,0	+8,9
Coal, Small nuts - grade B		104,3	104,3	104,3	0,0	0,0
Coal, bituminous		100,3	99,2	103,5	+4,3	+3,1
Coal, bituminous - for local sales		100,2	99,2	103,5	+4,3	+3,2
Coated profiled GMS sheeting (roofing)		122,9	126,1	133,6	+5,9	+8,7
Concrete pipes		100,9	102,4	104,1	+1,6	+3,1
Concrete roof tiles		102,7	109,0	109,0	0,0	+6,1
Construction machinery (excluding trucks)		100,5	104,4	104,4	0,0	+3,8
Containers, glass		102,0	118,0	118,0	0,0	+15,6
Copper Piping		100,0	100,0	100,0	0,0	0,0
Copper, basic forms		100,0	100,0	100,0	0,0	0,0
Coumarone indene resin (imported)		100,0	150,0	150,0	0,0	+50,0
Craft paper		100,0	105,8	105,8	0,0	+5,8
Cylinder lock set		100,0	100,0	100,0	0,0	0,0
Diesel at wholesale level	Coast	103,4	116,1	119,1	+2,6	+15,2
	Witwatersrand	102,2	114,7	117,6	+2,5	+15,1
Diesel fuel	Coast and Witwatersrand	103,0	112,7	116,0	+2,9	+12,6
	Retail Metropolitan and other urban areas	100,0	104,3	106,7	+2,3	+6,7
	Retail Metropolitan areas	95,3	91,8	93,3	+1,6	-2,0
Drainage		102,1	106,2	106,2	0,0	+4,0
Drop in ceiling tiles-gypsum		101,0	101,0	101,0	0,0	0,0
Drop-in ceiling tiles - masonite		105,2	112,0	112,0	0,0	+6,4
Electrical contracting materials		101,4	105,4	105,7	+0,2	+4,2
Enamel paints		105,1	112,0	112,0	0,0	+6,5
Extruded aluminium distributor level		108,1	114,7	114,7	0,0	+6,1
Extruded aluminium section		100,0	100,0	100,0	0,0	0,0
Ferro-chromium		95,6	102,0	101,5	-0,4	+6,1
Fibre cement roof sheet		100,3	104,3	104,3	0,0	+3,9

Type of materials		Indices			% change between	
		Jan 2013	Dec 2013	Jan 2014	Dec 2013 and Jan 2014	Jan 2013 and Jan 2014
Fibrous insulation	Batten board	107,9	116,5	116,5	0,0	+7,9
	Ceiling insulation	100,0	106,4	106,4	0,0	+6,4
	Mattresses	106,7	111,5	111,5	0,0	+4,4
	Preformed pipe sections	128,6	137,7	137,7	0,0	+7,0
Flush doors		104,4	104,4	104,4	0,0	0,0
Foam insulation materials		100,0	113,7	113,7	0,0	+13,7
	Polyurethane	100,0	113,7	113,7	0,0	+13,7
Gasses industrial		100,3	100,3	129,9	+29,5	+29,5
Glass for the building industry cut to size		101,6	116,7	116,7	0,0	+14,8
Glass, for building industry		102,7	125,2	125,2	0,0	+21,9
Gypsum board		101,0	105,0	105,0	0,0	+3,9
Hinges		100,1	101,7	101,7	0,0	+1,5
Imported Meranti		103,0	104,4	104,4	0,0	+1,3
Insulator, porcelain		108,2	120,6	120,6	0,0	+11,4
Ironmongery		102,6	106,4	106,5	+0,0	+3,8
Joint Sealants		106,9	112,7	112,7	0,0	+5,4
Leather, bovine hide		100,0	100,0	100,0	0,0	0,0
Lever locks		102,6	120,3	120,3	0,0	+17,2
Materials		103,9	107,5	108,6	+1,0	+4,5
	Concrete works	103,2	107,0	108,1	+1,0	+4,7
	Roads and earthworks	104,4	108,0	109,1	+1,0	+4,5
Mining machinery		106,1	111,0	111,2	+0,1	+4,8
Modified Bitumen sheeting		102,3	114,8	114,8	0,0	+12,2
Natural stone, cut and sawn		103,3	110,5	110,5	0,0	+6,9
Oils and lubricants		102,2	123,0	123,0	0,0	+20,3
Ordinary and extended cement		105,1	103,5	106,7	+3,0	+1,5
PVC Pipes		100,8	104,2	104,2	0,0	+3,3
Paints		105,5	112,4	112,2	-0,1	+6,3
Paper, newsprint		100,4	102,2	103,2	+0,9	+2,7
Partitioning materials		101,0	105,5	105,5	0,0	+4,4
Petro-chemical building materials		102,0	108,0	108,8	+0,7	+6,6
Petrol, 93 octane (Coast/ Witwaterand)		101,6	107,2	112,0	+4,4	+10,2
Plain cut paper A4		100,1	104,2	104,2	0,0	+4,0
Plant		102,8	108,6	108,6	0,0	+5,6
	Concrete works	103,1	108,7	108,8	+0,0	+5,5
	Roads and earthworks	102,4	108,4	108,4	0,0	+5,8
Plastic :HDPE,LDPE,PVC,polypropylene		101,5	111,8	111,8	0,0	+10,1
Plastic bottles		100,4	105,1	105,1	0,0	+4,6
Plastic, bulk forms		102,4	105,2	105,2	0,0	+2,7
Plate, mild steel		122,9	126,1	133,6	+5,9	+8,7
Plumbing		117,0	131,5	131,5	0,0	+12,3
Polybutadiene		100,0	93,1	93,1	0,0	-6,9
Processing oil		112,5	117,9	117,9	0,0	+4,8
Products of alumina		107,9	111,5	111,5	0,0	+3,3
Profiled aluminium roofing		110,0	112,0	112,0	0,0	+1,8
Profiled aluminium roofing - distributor level		109,3	126,3	129,0	+2,1	+18,0
Reinforcing steel		101,6	107,9	108,2	0,3	+6,5
Resilient floor coverings		100,9	102,6	103,2	+0,5	+2,2
Rubber crude		94,9	97,5	97,9	+0,4	+3,1
	Rubber crude Synthetic	95,0	97,5	98,0	+0,5	+3,1
	Rubber crude Synthetic Local	95,0	97,5	98,0	+0,5	+3,1
Rubber industry's indices	Carbon black - N660	103,1	100,3	100,3	0,0	-2,7
	Carbon black - N774	103,3	101,0	101,0	0,0	-2,2
	Natural rubber imported	98,0	98,1	98,1	0,0	+0,1
SA Pine, kiln dried		97,6	98,8	98,8	0,0	+1,2
Sand		104,7	109,3	110,4	+1,0	+5,4
Self-Adhesive sheeting		105,5	114,5	114,5	0,0	+8,5
Sementitious paints		101,2	107,8	107,8	0,0	+6,5
Sheet, galvanized		122,9	126,1	133,6	+5,9	+8,7
Sheet, uncoated		100,0	100,0	100,0	0,0	0,0
Small steel sections		100,0	94,8	94,8	0,0	-5,2
Stainless steel products, flat rolled		99,7	99,7	99,7	0,0	0,0
Steel tubes, pipes and fittings		101,8	111,5	111,5	0,0	+9,5
Structural steel products		101,8	103,6	103,6	0,0	+1,7
Structural steel, unworked		100,7	101,5	101,5	0,0	+0,7
Sulphuric acid		101,0	104,4	108,7	+4,1	+7,6
Synthetic rubber	1502	86,6	78,9	78,9	0,0	-8,8

Type of materials		Indices			% change between	
		Jan 2013	Dec 2013	Jan 2014	Dec 2013 and Jan 2014	Jan 2013 and Jan 2014
	1712	100,0	95,1	95,1	0,0	-4,9
Tar		101,7	112,6	112,6	0,0	+10,7
Tile adhesives		100,0	105,8	105,8	0,0	+5,8
Tinplate		101,0	109,2	109,2	0,0	+8,1
Transformer oil		103,6	100,5	100,5	0,0	-2,9
Trucks		101,7	107,8	109,2	+1,2	+7,3
Trucks and buses		101,4	105,9	107,0	+1,0	+5,5
Tyres and tubes		101,5	104,5	104,5	0,0	+2,9
Tyres for giant vehicles		101,6	104,5	104,5	0,0	+2,8
Vinyl sheeting flooring		101,1	119,4	119,4	0,0	+18,1
Vinyl tiles flooring		103,8	112,2	112,2	0,0	+8,0
Wash and basin		116,6	122,8	122,8	0,0	+5,3
Water-closet system (WC's)		132,4	158,1	158,1	0,0	+19,4
Waterproofing		104,4	110,8	110,8	0,0	+6,1
White glazed ceramic tiles		100,1	100,5	100,5	0,0	+0,3
Wood products, excluding mine wood		101,6	105,4	105,5	+0,0	+3,8
Wool, auction prices, 18 types		114,3	119,5	118,9	-0,5	+4,0
Woven needle punch carpeting		102,2	112,5	112,5	0,0	+10,0

EXPLANATORY NOTES

1. Contract Price Adjustment Provisions

The contract between Statistics South Africa and JBCC expired on the 31st December 2011.

No new subscriptions will be available.

The P0151 statistical release is available on Stats SA's website as a free download document. ([www.statssa.gov.za / statistical publications/ search for "jbcc" or "CPAP" or "P0151"](http://www.statssa.gov.za/statistical/publications/searchfor/jbcc)).

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- 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.
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- At the request of the CPAP, the following changes were affected –
 - * as from December 2013 the compilation of work group 160 was changed to labour – CPI Stats SA (10%), Trunk Index (30%), PVC (SEIFSA - Table N) (5%), Copper 7,9mm rod (SEIFSA – Table N) (35%) and SEIFSA Table C4 (20%).
 - * as from December 2013 the compilation of work group 162 was changed to labour – CPI Stats SA (25%), Galvanised Sheet (SEIFSA - Table E-X) (20%), Copper 7,9mm rod (SEIFSA – Table N) (45%) and SEIFSA Table C4 (10%).

* Symbols used: r revised
 .. not available
 p provisional
 f final

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