



THE ECONOMICS OF CONSTRUCTION IN SOUTH AFRICA

The **cidb**
Quarterly Monitor

The Construction Industry Development Board
Development Through Partnership

JULY
2012

Acknowledgements: The support of Industry Insight in providing details of contracts awarded is gratefully acknowledged.



CIDB QUARTERLY MONITOR; JULY 2012

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1. Introduction

The *cidb Quarterly Monitor*, which covers the 3rd quarter of 2011 to the 2nd quarter of 2012, provides an overview of the structure of the construction industry and the state of contractor development and construction employment in South Africa. The *Quarterly Monitor* focuses on public sector supply and demand at national and provincial levels, and deals primarily with the General Building (GB) and Civil Engineering (CE) *cidb* Class of Works.

The *cidb Quarterly Monitor* has been developed, amongst others, to be used as input into developing targeted development intervention strategies in support of the *National Contractor Development Programme* (NCDP)¹. The *Quarterly Monitor* must however only be seen as a guide to assist in developing targeted intervention strategies^{2,3}, and the *Quarterly Monitor* should be seen as a tool for interrogating existing intervention strategies.

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- 1 DPW & *cidb* (2008). *NCDP Summary Framework; Towards 2010 and Beyond*. Department of Public Works and Construction Industry Development Board, http://www.cidb.org.za/knowledge/publications/industry_reports
 - 2 *cidb* (2010). *Guidelines for Implementing Contractor Development Programmes*. Construction Industry Development Board, http://www.cidb.org.za/contractor/publications/ncdp_framework/default.aspx
 - 3 *cidb* (2010). *Targeting for Contractor Development Programmes; Guidelines*. Construction Industry Development Board, http://www.cidb.org.za/knowledge/publications/industry_reports

2. Background and Assumptions

The background and key assumptions used in developing and in interpreting the *cidb Quarterly Monitor* are highlighted below:

- i) **Contracts Awarded:** Details of contracts awarded is obtained from the *cidb iTender Register of Projects* supported by the *Industry Insight Project Database*. (The support of *Industry Insight* in providing this information is gratefully acknowledged.) The *cidb iTender Register of Projects* has limited information, while the *Industry Insight Project Database* is more complete and representative.

However, because of the time taken to process the data by the information provider, the *Industry Insight* information for contracts awarded lags the *Quarterly Monitor* by one quarter.

- ii) **Expenditure Against Budget:** Details of infrastructure expenditure against budget is obtained from National Treasury. At present details presented here only for municipalities and provinces, while national expenditure against budget will be included when available. Note that the fiscal year for municipal expenditure begins on 1 July, which corresponds to Quarter 3 of the calendar year. Similarly, the fiscal year for provinces expenditure begins on 1 April, which corresponds to Quarter 2 of the calendar year.
- iii) **Business Conditions:** The *cidb Quarterly Monitor* includes perceptions of the confidence in business conditions and insufficient demand for work obtained from the *cidb BER SME Business Confidence Survey*⁴, which measures business conditions at a national and at provincial level and in various contractor grades.
- iv) **Employment:** The *cidb Quarterly Monitor* includes details of formal and informal construction employment obtained from Statistics South Africa's *Quarterly Labour Force Survey*⁵, as well as surveys of growth (or decline) in employment obtained from the *cidb BER SME Business Confidence Survey*⁶. Note that the *Quarterly Labour Force Survey* data lags the *Quarterly Monitor* by one quarter.
- v) **Contractor Registrations:** Contractor information is obtained from the *cidb Register of Contractors*, and considers:

- contractors registered in Grades 2 to 9; and
- General Building (GB) and Civil Engineering (CE) Class of Works.

The data is then aggregated into the following categories:

- Grade 9 contractors; typically contractors that operate at a national and international level;
- Grades 7 and 8; typically contractors that operate at a regional / provincial level;
- Grades 5 and 6; typically contractors in transition from operating at a local to a regional / provincial level; and
- Grades 2 to 4; typically established and developing contractors that operate at a local level.

Grade	Characteristics
9	national / international
7 & 8	provincial / regional
5 & 6	local / regional
2 to 4	local

It should be noted that Grade 9 contractors in particular work across provinces, and do not therefore reflect the contracting capacity within a particular province.

4 *cidb* (2011). *cidb SME Business Conditions Survey*. Construction Industry Development Board, http://www.cidb.org.za/knowledge/publications/industry_reports

5 StatsSA. *Quarterly Labour Force Survey; Publication P0210*. <http://www.statssa.gov.za/qlfs/index.asp>

6 *cidb* (2011). *cidb SME Business Conditions Survey*. Construction Industry Development Board, http://www.cidb.org.za/knowledge/publications/industry_reports

vi) **Contractor Development:** This *cidb Quarterly Monitor* includes information on:

- the number of, and trends in, registrations per categories of contractor grades; and
- the number of, and trends in, upgrades and downgrades per categories of contractor grades.

In assessing upgrades and downgrades, non-compliant applications for regarding have been excluded.

However, while trends in the number of registrations and in the number of upgrades / downgrades are useful indicators of the state of contractor development, it is important to note that these are only weak indicators of contractor development and do not necessarily imply an increase in sustainability or improvement in the performance of the contractor. Rather, indicators of development that should be included (but are currently not available) are that of⁷:

- a growth in competence reflected through technical skills and construction experience; and
- the 'process maturity' within a contracting organisation – normally expressed in terms of its business and construction processes.

vii) **Empowerment:** The *cidb Quarterly Monitor* includes information on black and woman ownership, and on the relative value of contracts awarded to black and women owned companies. Black and woman ownership is defined here as ownership greater than 50%, as recorded on the *cidb Register of Contractors*.

Two sources of information are given as empowerment indicators. Firstly, information on the relative value of **public sector** contracts awarded to black and woman owned companies has been obtained from the *cidb iTender Register of Projects*. It should be noted however that the information recorded on the *cidb iTender Register of Projects* is incomplete, and a reliable breakdown of contract awards per province is therefore not possible.

Secondly, the turnover of black owned companies is used as an indicator of empowerment. In this regard it should be noted that the turnover of most companies is derived from contracts with both the **public and private sectors**, and therefore possibly represents a more fair reflection of empowerment.

It should also be noted that Grade 9 contractors are largely (but not exclusively) publically listed organisations (or wholly owned subsidiaries of publically listed companies) and black/female ownership is therefore not comparable with privately owned companies – and is therefore not given in the *Quarterly Monitor*.

7 *cidb* (2009). *SA Contractor Development Programmes; Status Quo Report*. Construction Industry Development Board, http://www.cidb.org.za/knowledge/publications/industry_reports

3. Contracts Awarded; Public Sector

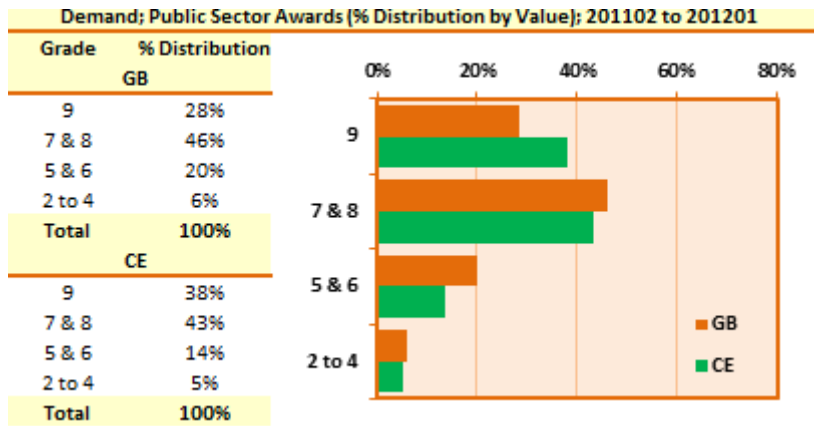
(Note: that it has been necessary to lag the information provided by *Industry Insight* for contracts awarded by one quarter.)

Estimates of the distribution of public sector contracts awarded for South Africa as a whole in the four quarters under review (2011Q2 to 2012Q1) in Grades 2 to 9 is shown in the adjacent figure – with around 70% of public sector awards by value being in tender Grades 7 to 9 in General Building (GB) and around 80% in Civil Engineering (CE). (It should be noted however that the largest proportion of the contracts awarded in Grades 7 to 9 are subcontracted down to sub-contractors – typically in Grades 2 to 6).

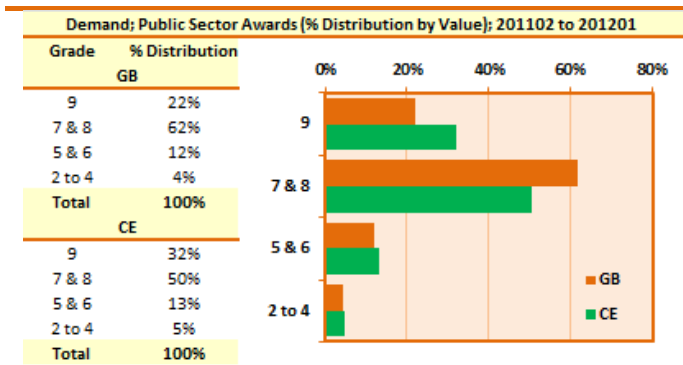
Estimates of the distribution of public sector contract awards for selected provinces is also shown in the adjacent figure. (Data for other provinces can be provided on request.)

Acknowledgements:

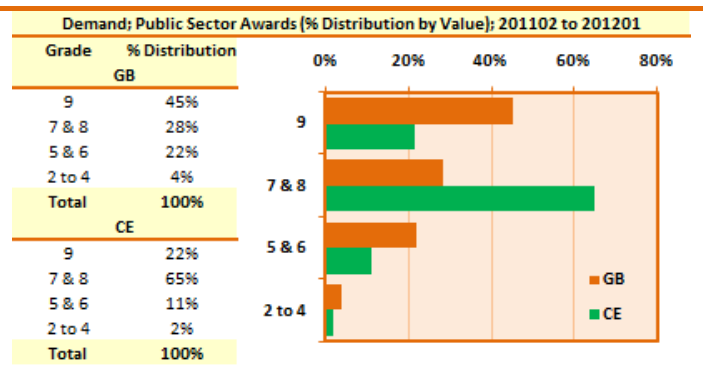




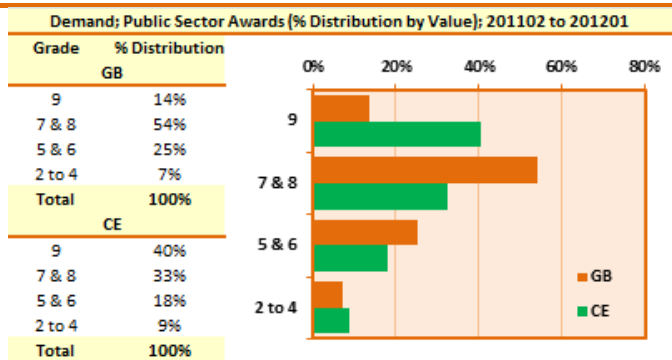
South Africa



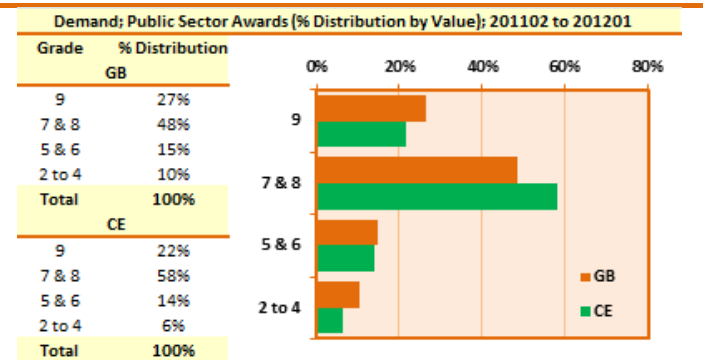
Eastern Cape



Gauteng



Kwa-Zulu Natal



Western Cape

4. Expenditure against Budget; Municipal and Provincial Government

4.1 Municipal Expenditure

An analysis of municipal capital expenditure for South Africa for the municipal 2010/11 financial year and Q1 to Q3 of the 2011/12 financial year is shown in the adjacent figures, for:

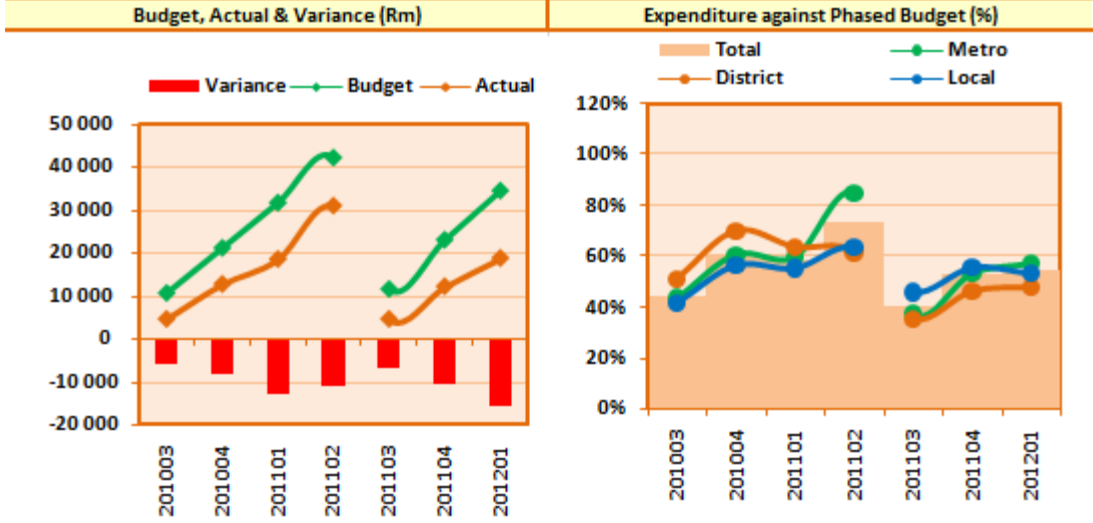
- the phased linear budget, actual expenditure and variance (in Rm) for all municipalities; and
- actual spending against phased budget (%) for metro, local and district municipalities.

2011/12 financial year:

- Total municipal capital budget for the 2011/12 municipal financial year amounts to around R44.6 billion, of which municipal capital expenditure amounted to R18.8 billion at the end of Q3 – amounting to only 54% of the total budget had been spent by the 2012Q1 (or Q3 of the municipal financial year).
- Although the trends for 2011/12 are similar, spending against budget appears to be slightly highest for the Metros.

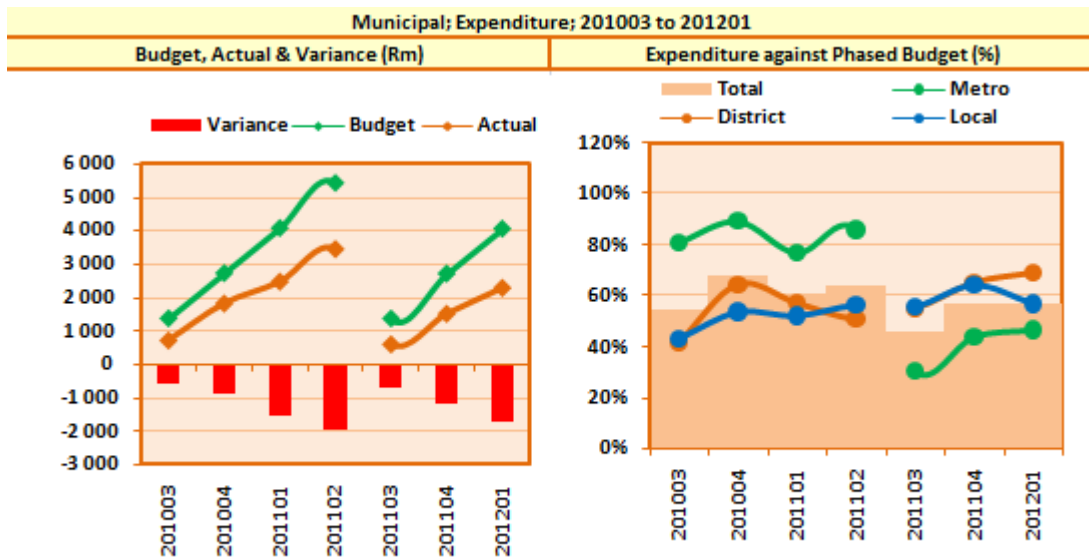
An analysis of municipal expenditure for selected provinces is also shown in the following figures. (Data for other provinces can be provided on request.)

Municipal; Expenditure; 201003 to 201201

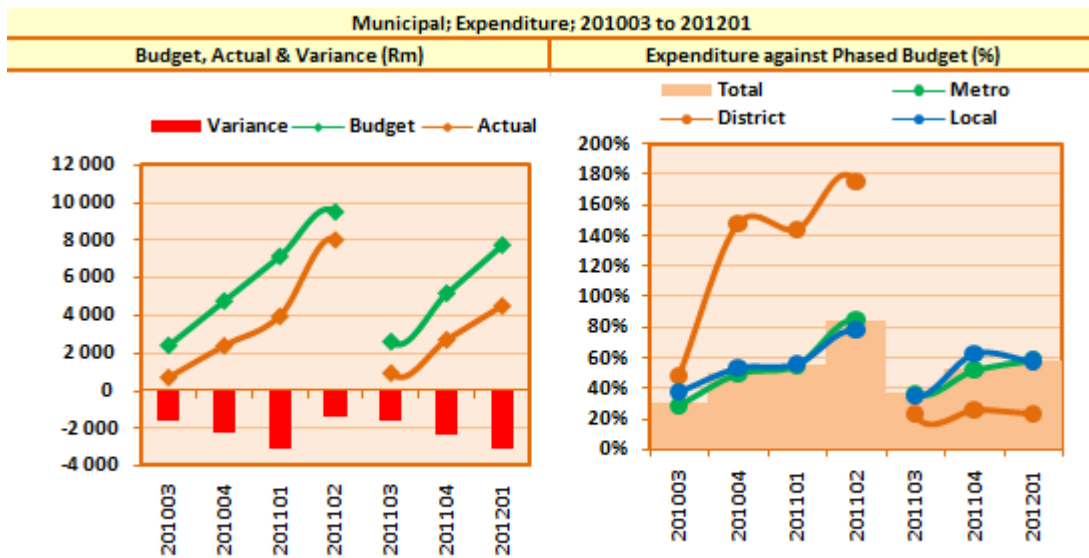


South Africa

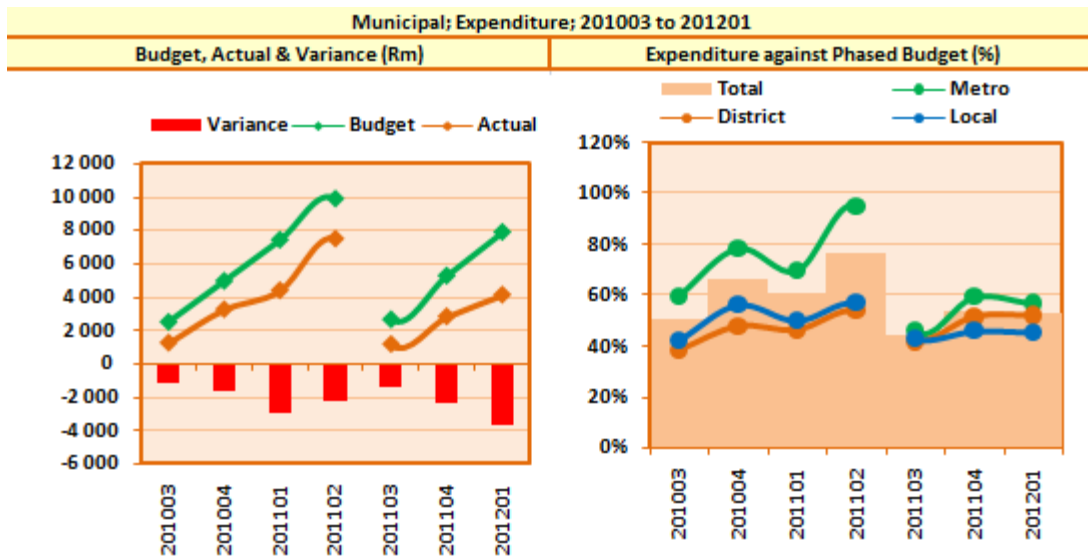
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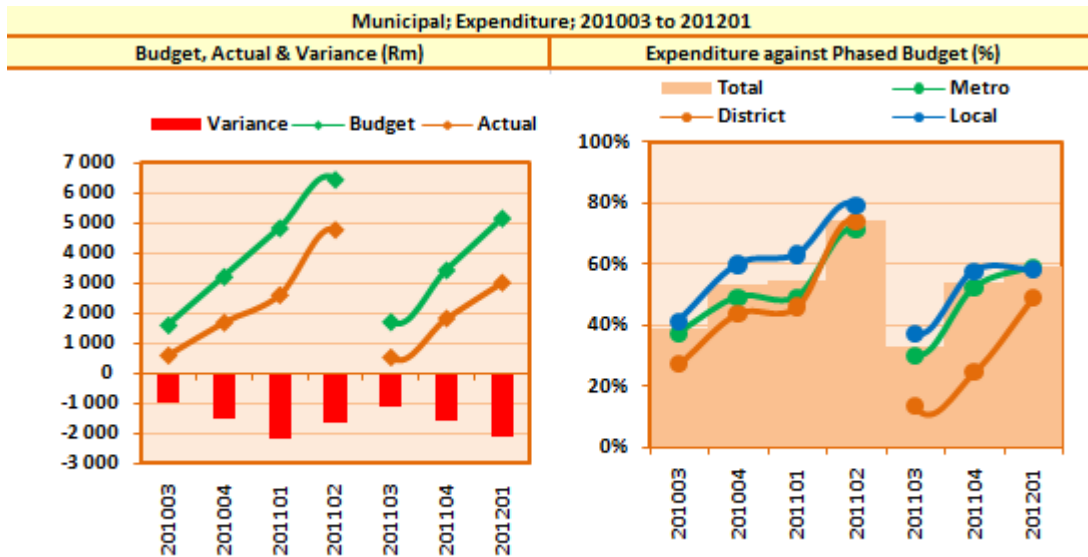
Eastern Cape



Gauteng



Kwa-Zulu Natal



Western Cape

4.2 Provincial Expenditure

An analysis of provincial capital expenditure for South Africa for the provincial 2010/11 and 2011/12 financial years is shown in the adjacent figures, for:

- the phased linear budget, actual expenditure and variance (in Rm) for all provinces; and
- actual spending against phased budget (%) for provincial departments.

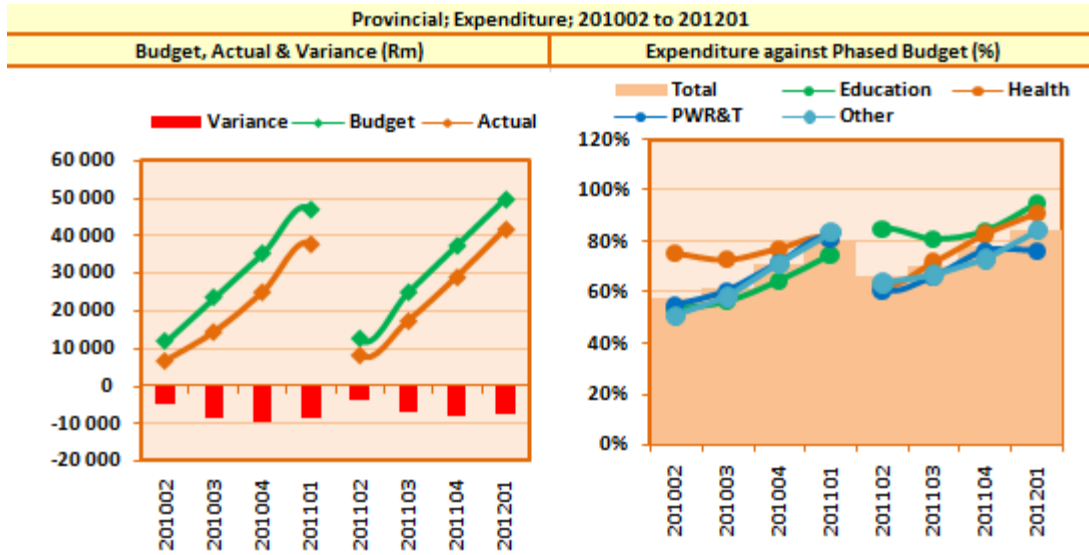
2010/11 financial year:

- The total provincial capital budget for all provincial departments in the 2010/11 provincial financial year was R46,9 billion, while total expenditure amounted to R37,8 billion or 81% of the total budget was spent – i.e. the overall underspend amounted to about R9 billion or 19% of the total budget..
- Spending was highest in departments other than health, Education or Public Works, Roads and Transport ('Other') followed by Departments of Health, which achieved a total spend of around 83% of the capital budget.
- Spending was the lowest in the Department of Education, which achieved a total spend of 75%.
- The Kwa-Zulu Natal and Western Cape Province achieved high spending of 97% and 96% respectively; while Gauteng and the Eastern Cape achieved only 61% and 58% respectively.

2011/12 financial year:

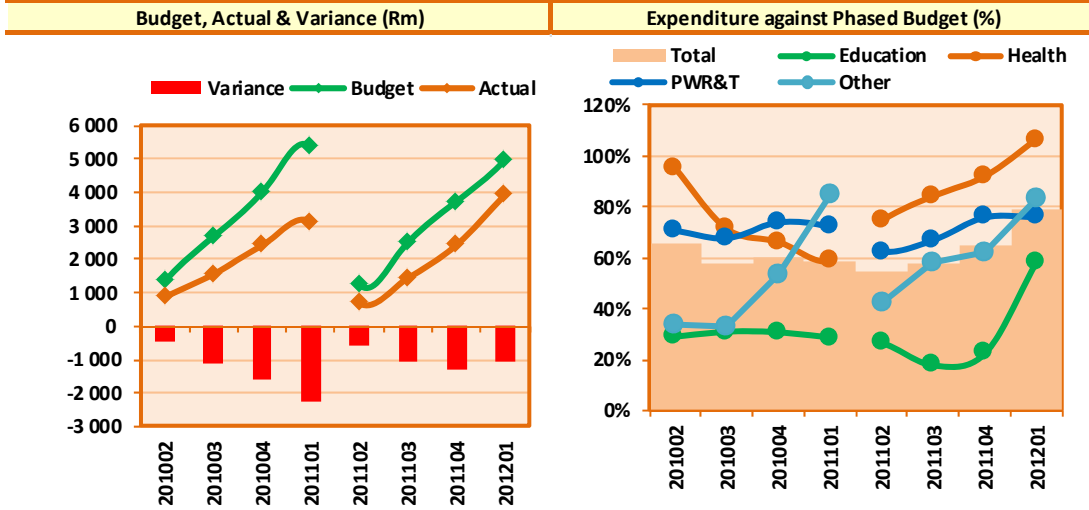
- The total capital budget for all provincial departments in the 2011/12 provincial financial year was R49,6 billion, total expenditure amounted to R41,8 billion or 84% of the total budget was spent – i.e.; the overall underspend amounted to about R7,8 billion or 16% of the total budget.
- Spending was the highest in the Departments of Education, which achieved a total spend of around 95% of the capital budget, followed closely by the Departments of Health.
- Spending was the lowest in the Department of Public Works, Roads and Transport, which achieved a total spend of 76%.
- The Kwa-Zulu Natal and the Western Cape Province also achieved high spending of 100% and 109% respectively; while Gauteng and the Eastern Cape achieved only 68% and 79% respectively.

An analysis of provincial expenditure for selected provinces is also shown in the following figures. (Data for other provinces can be provided on request.)



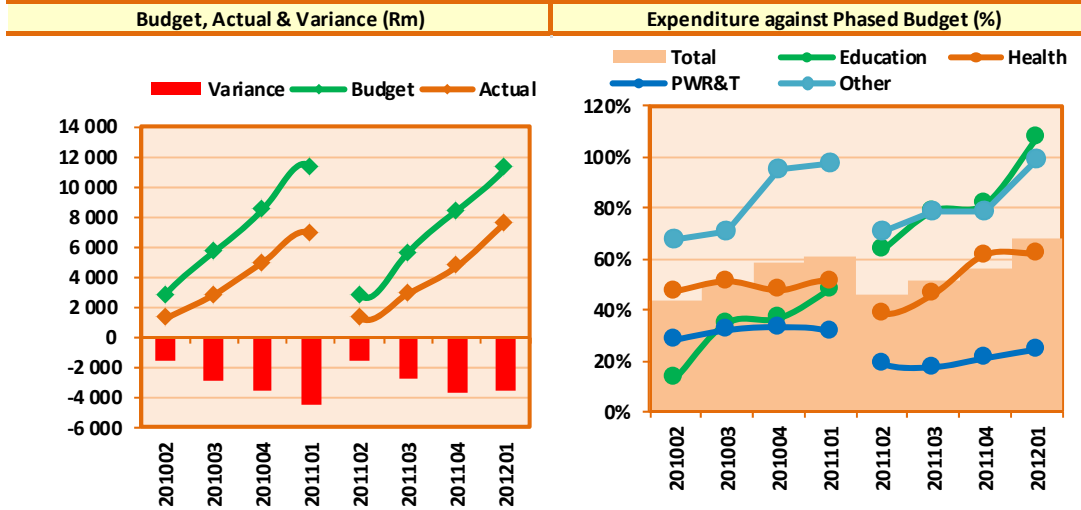
South Africa

Provincial; Expenditure; 201002 to 201201

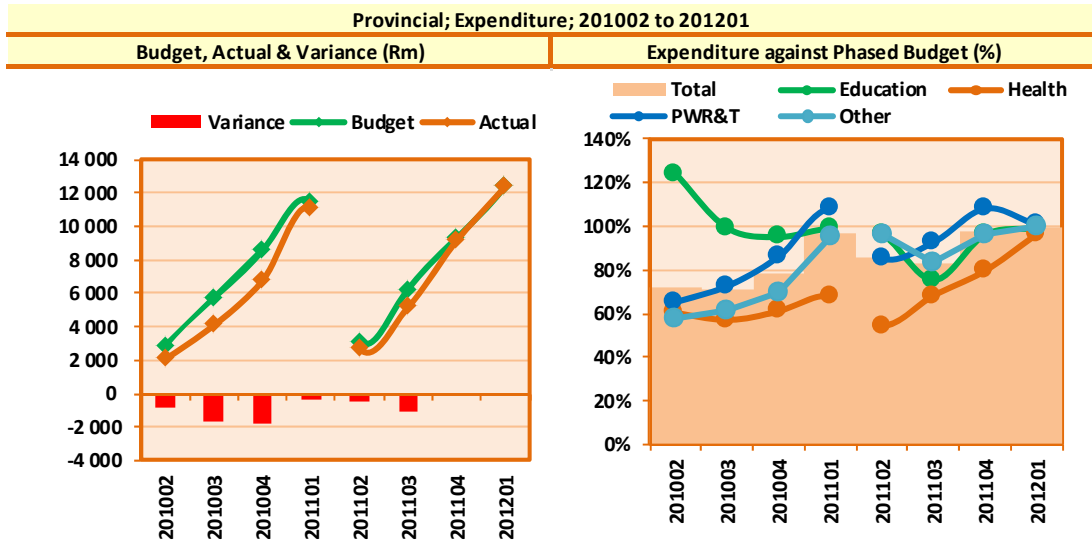


Eastern Cape

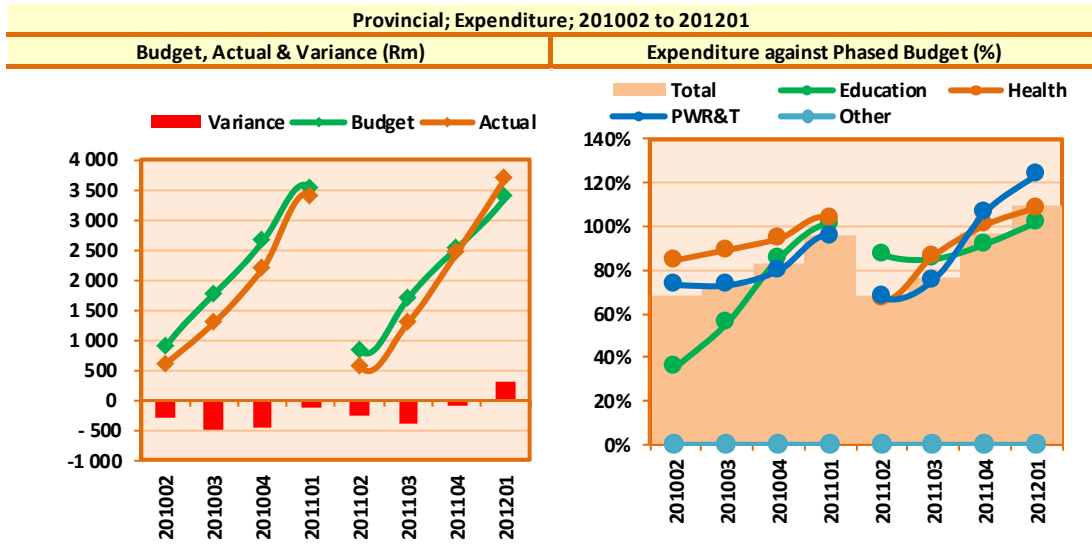
Provincial; Expenditure; 201002 to 201201



Gauteng



Kwa-Zulu Natal



Western Cape

5. Maintenance Contracts Awarded; Public Sector

(Note that it has been necessary to lag the information provided by *Industry Insight* for contracts awarded by one quarter.)

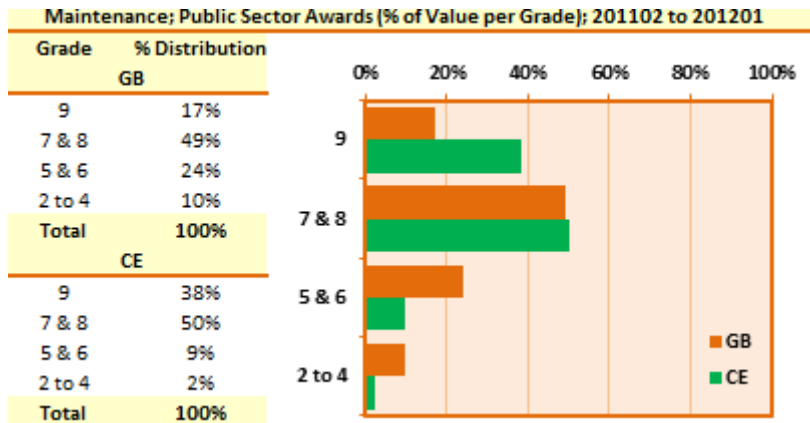
Estimates of the distribution of public sector maintenance contracts awarded by value (including refurbishment, renovations, etc.) in South Africa as a percentage of the total contracts awarded in the Grades 2 to 9 is shown in the adjacent figure. From the adjacent figure it can be seen that, for the period under review:

- overall, in tender Grades 5 to 9, maintenance contracts in General Building (GB) and Civil Engineering (CE) amounted to around 90% of total spend; and
- the value of maintenance contracts to Grade 2 to 4 General Building (GB) has dropped from 50% to 10% when compared to the previous quarter results (2011Q1 to 2011Q4) and Civil Engineering (CE) has dropped from around 12% to 2%, when compared to the same period.

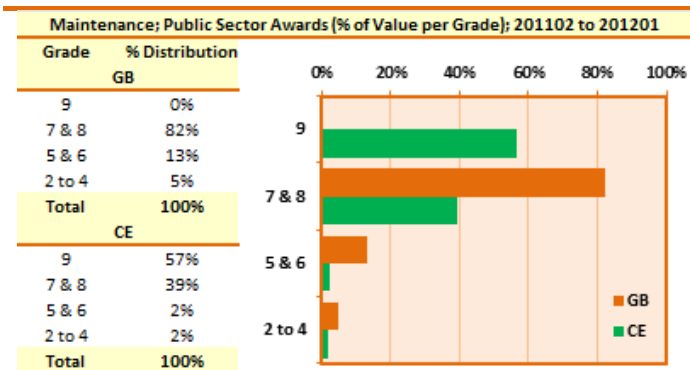
Estimates of the distribution of public sector maintenance contract awards for selected provinces is also shown in the adjacent figure. (Data for other provinces can be provided on request.)

Acknowledgements:

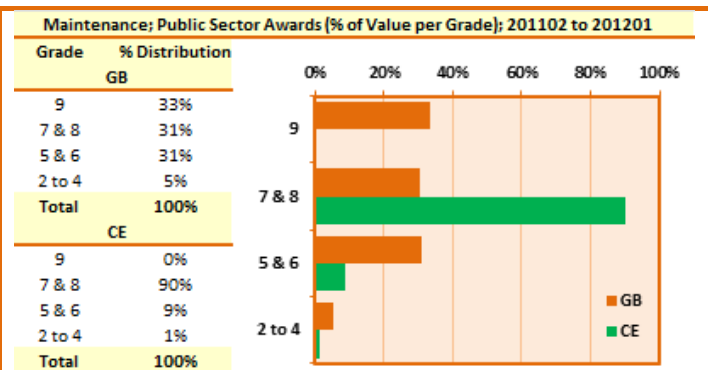




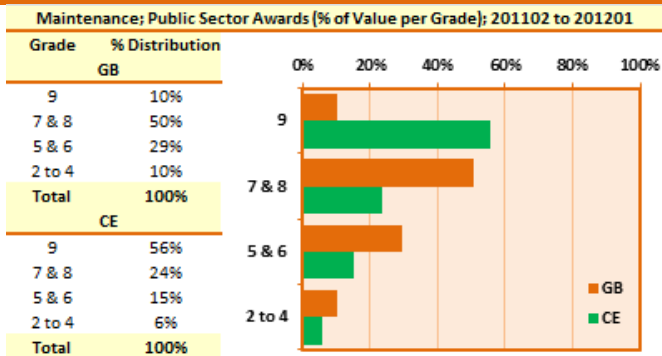
South Africa



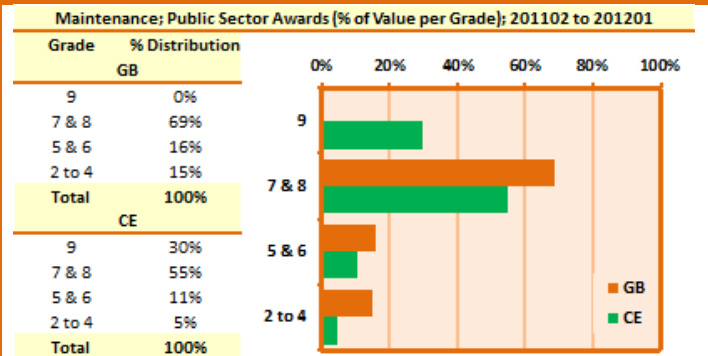
Eastern Cape



Gauteng



Kwa-Zulu Natal



Western Cape

6. Business Conditions; Public and Private Sectors

General Building: The overall business confidence of building contractors dropped from an index number of 39 in 2012Q1 to a value of 33 in 2012Q2.

There was a decline in growth in building activity during 2012Q2. Compared with a net -23% in 2012Q1, a net -29% of the survey respondents indicated that building activity was still lower than the same quarter a year ago. The tempo of labour shedding slowed during the survey quarter.

Competition in tendering for new work eased, but profitability deteriorated during the survey quarter.

Seventy-nine per cent of the survey respondents reported that insufficient demand for building work was constraining their business operations. Respondents anticipate that business conditions would improve in 2012Q3.

The business confidence levels of Grades 3 & 4 and Grades 5 & 6 dropped sharply in 2012Q2. The confidence level of Grades 7 & 8 rose rapidly from 29 to 42 in 2012Q2. Regionally, business confidence stabilised in the Eastern Cape, but dropped quite sharply in KwaZulu-Natal and in Gauteng. A severe weakening of business confidence was reported in the Western Cape.

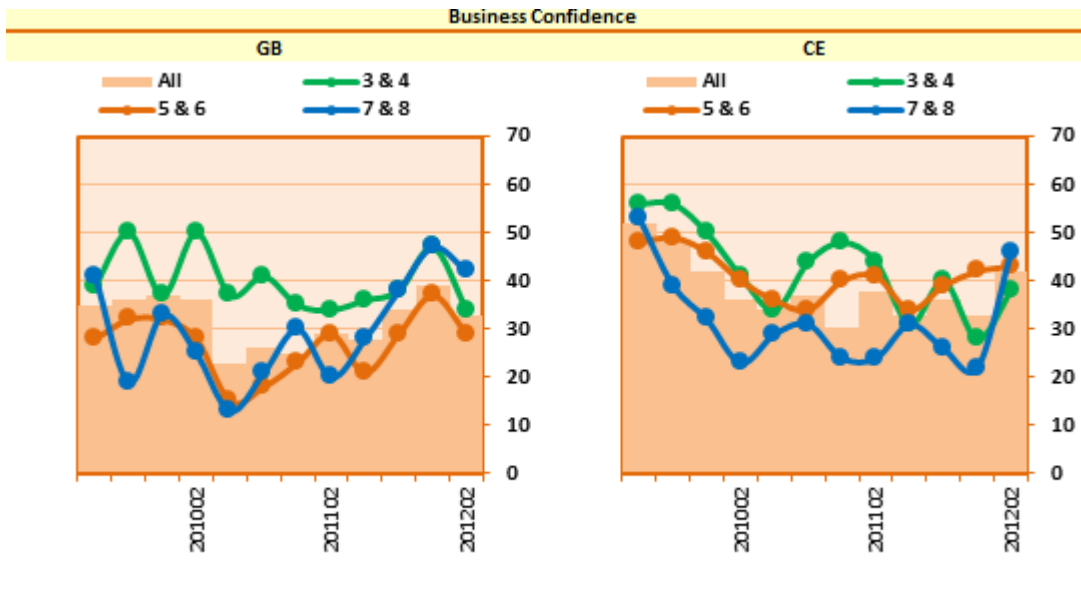
Civil Engineering: The overall business confidence of civil contractors rose slightly from an index value of 33 in 2012Q1, to a level of 42 in 2012Q2. Business conditions underperformed expectations during the survey quarter. However, a small net majority of 6% of respondents expect business conditions to improve in 2012Q3.

When compared to 2012Q1, the survey respondents indicated that the growth in construction activity increased during the survey quarter. Tendering competition eased during the survey quarter and the overall profitability of their businesses improved.

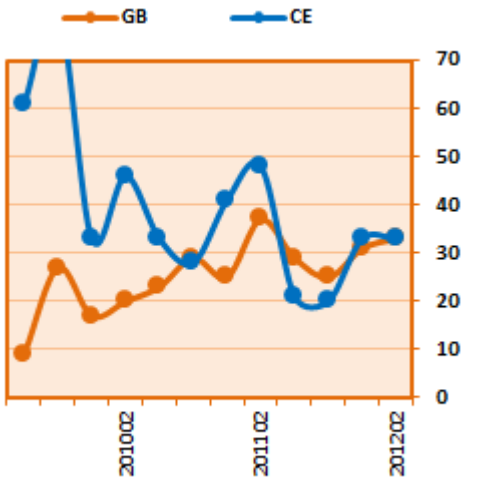
Forty-seven per cent of survey respondents reported skilled labour shortages. Thirty-two per cent of respondents experienced shortages of construction materials.

Compared to 80% of respondents in 2012Q1, 75% reported insufficient demand during 2012Q2 as a serious constraint on their operations.

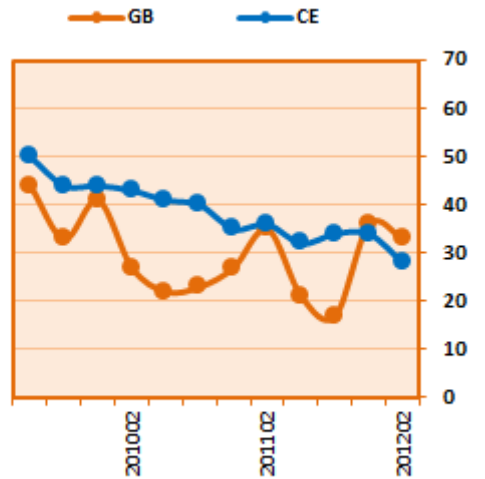
The business confidence of civil contractors in Grades 3 & 4, as well as in Grades 7 & 8, improved markedly during the survey quarter. The business confidence of civil contractors in Grades 5 & 6 stabilised in 2012Q2. Regionally, business confidence levels in the Eastern Cape remained constant, but dropped from 34 to 28 in Gauteng. Confidence levels improved markedly in the Western Cape and in KwaZulu-Natal.



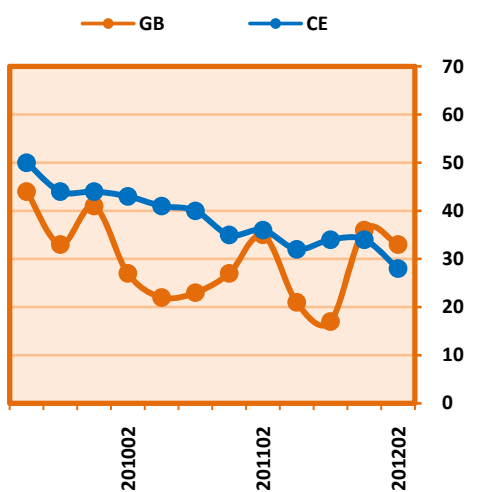
South Africa



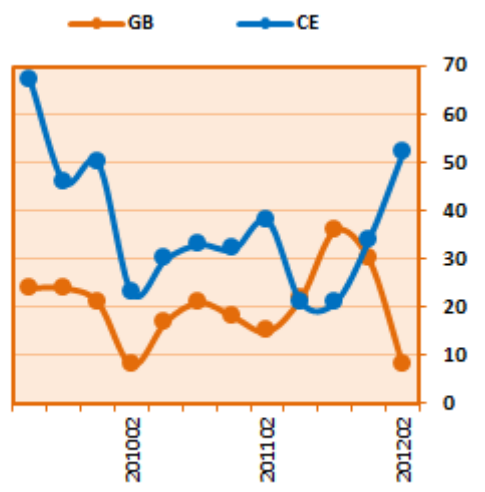
Eastern Cape



Gauteng



Kwa-Zulu Natal



Western Cape

7. Construction Employment; Quarterly Labour Force Survey

(Note: The *Quarterly Labour Force Survey* results lag by one quarter. The *Quarterly Labour Force Survey* results for 2012Q2 will only be available from Statistics South Africa in 2012Q3)

The StatsSA *Quarterly Labour Force Survey* shows a total loss in construction employment of 29 000 jobs in 2011Q4 and a total loss of 71 000 jobs in 2012Q1.

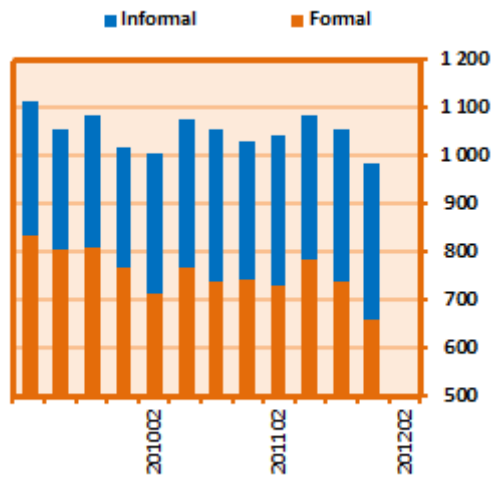
Total construction employment in 2012Q1 amounted to 986 000 in the formal and informal sector – representing 7,3% of total employment in South Africa. Between 2011Q4 and 2012Q1, 78 000 job losses were experienced in the formal sector and 8 000 job gains were experienced in the informal sector. In the past two quarters, the construction sector has experienced 100 000 job losses.

However, although the *Quarterly Labour Force Survey* shows a net loss in employment of 71 000 jobs in 2012Q1, as shown below the net losses varies significantly between provinces. Specifically:

- net losses have been experienced in the Eastern Cape, Free State, Kwa-Zulu Natal, Limpopo, Mpumalanga, North West and Western Cape; while
- net gains have been experienced only in Gauteng, while there was no change in the Northern Cape.

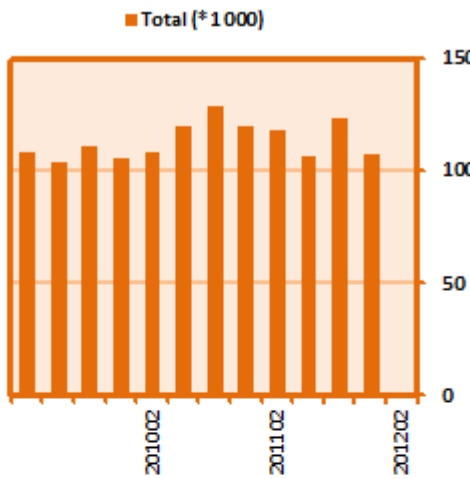
Quarter-on-quarter net gains/losses in construction employment (* 1000)										
yyyyqq	SA	EC	FS	GP	KZ	LP	MP	NC	NW	WC
201003	70	11	2	59	4	6	8	2	-6	-17
201004	-20	9	3	-34	-6	15	2	-2	5	-11
201101	-25	-9	2	10	1	-16	-5	-4	2	-6
201102	12	-2	-2	29	9	-15	0	-1	0	-6
201103	43	-11	54	-54	-1	33	7	8	-4	11
201104	-29	17	-59	0	5	-16	2	-2	8	15
201201	-71	-16	-2	6	-29	-3	-14	0	-3	-9

Employment (*1 000); 200903 to 201202

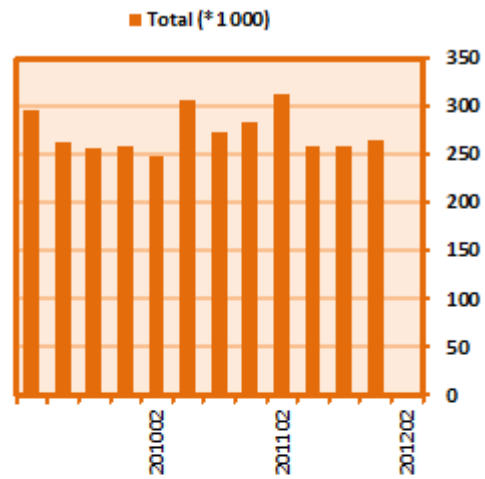


South Africa

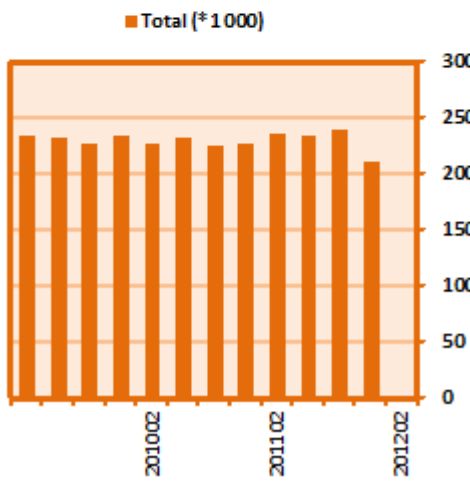
Eastern Cape



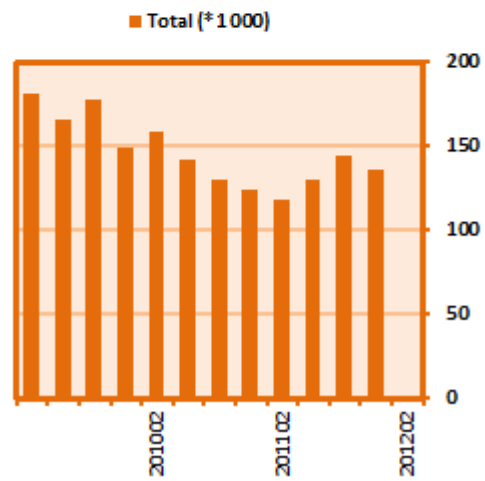
Gauteng



KwaZulu - Natal



Western Cape



8. Construction Employment; cidb / BER Business Conditions Survey

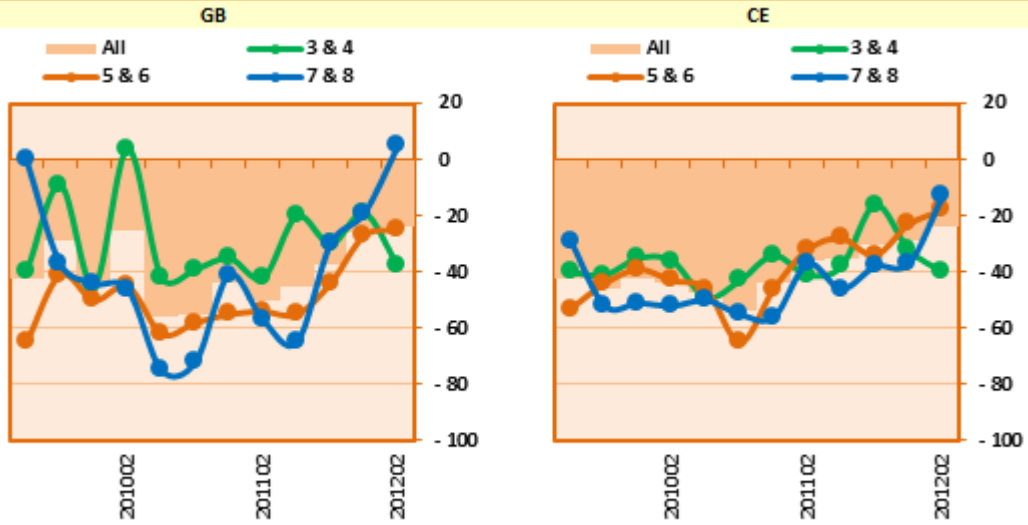
The net balance of companies (percentage) indicating a growth (positive) or decline (negative) in the appointment of construction employers is shown in the adjacent figure.

General Building: The overall employment index of building contractors rose marginally from an index number of -26 in 2012Q1, to a value of -24 in 2012Q2, showing that the tempo of labour shedding slowed during the survey quarter. The most notable gains have been in Grade 7 and 8 contractors.

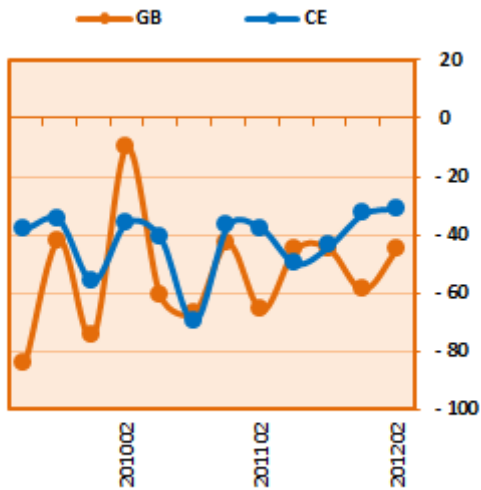
In line with the changes in business conditions, Gauteng (GB) showed some improvements.

Civil Engineering: The overall employment index of civil contractors rose from an index number of -29 in 2012Q1, to -24 in 2012Q2, showing a slight decrease in the tempo of labour shedding. The most notable gains have been in Grade 7 and 8 contractors.

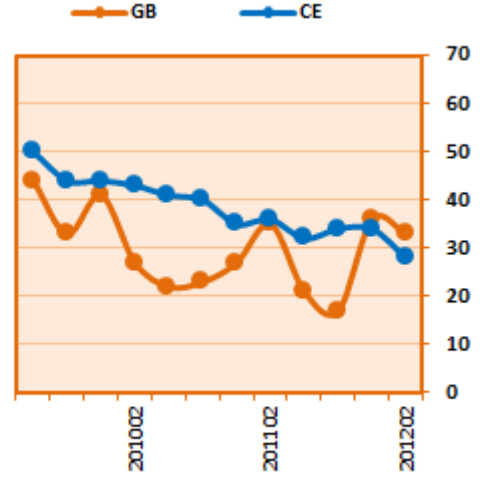
Employment Indicator



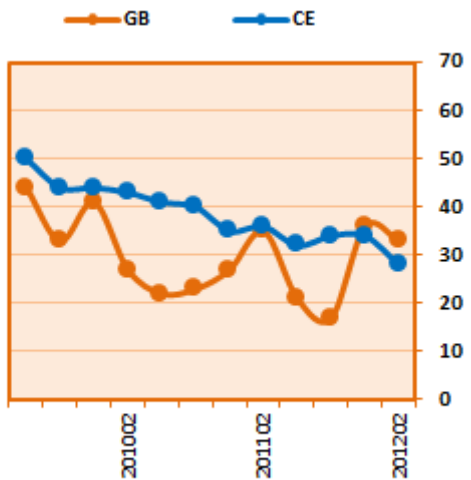
South Africa



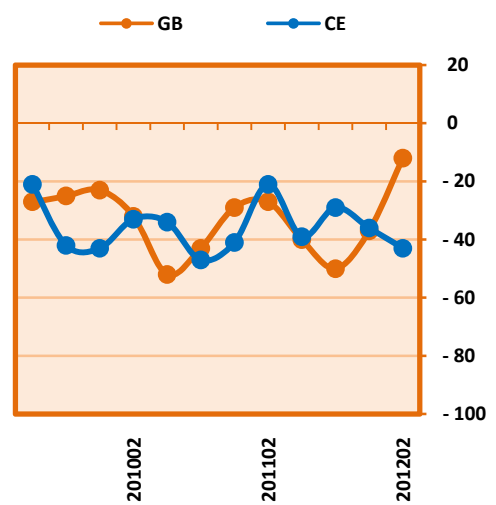
Eastern Cape



Gauteng



Kwa-Zulu Natal



Western Cape

9. Registrations; Grades 2 to 9

Details of the distribution of the total number of registrations in Grades 2 to 9 in General Building (GB) and Civil Engineering (CE) for South Africa and selected provinces are shown in the following figures, together with the total number of registrations over the past three years. (Details for other provinces can be provided on request.)

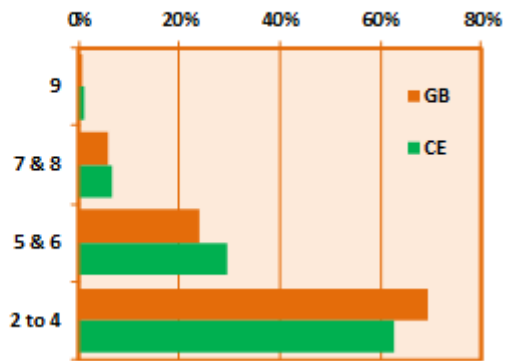
Overall, it is seen that the number of registrations in Grades 2 to 4 account for around 60% to 70% of the total registrations in Grades 2 to 9, whereas the number of registrations in Grades 7 to 9 account for around 8% of the total number of registrations.

The distribution of the total number of registrations in Grades 2 to 9 per province is shown on the following pages. Again, it should be noted that the Grade 9 contractors, and to a lesser extent Grades 7 and 8 contractors, are largely regional contractors and operate in any province – but tend to be based in Gauteng and the Western Cape. Other than the concentration in the Grade 9 contractors and the Grade 7 and 8 contractors, it is seen from the figures that the distribution in profile in registrations is reasonably consistent between provinces.

Of significance is that the trend in a reduction in the number of registrations in Grades 2 to 4 in both GB and in CE has reversed. However, the growth in the number of registrations in Grades 5 to 9 is seen to be small.

Supply; Registrations per Grade (% Grades 2 to 9); 201202

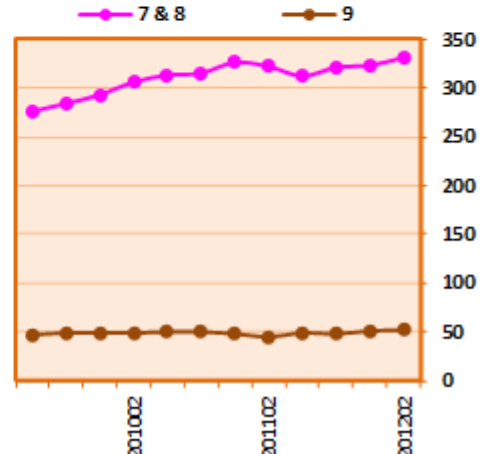
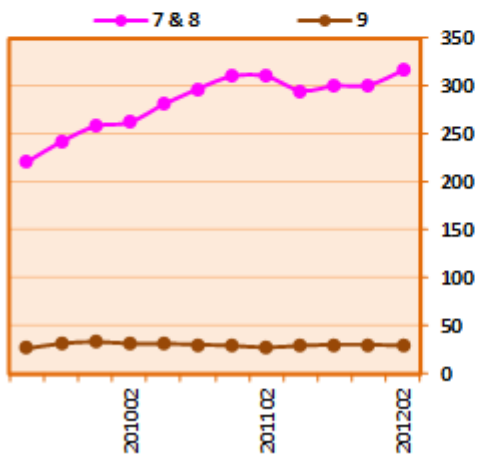
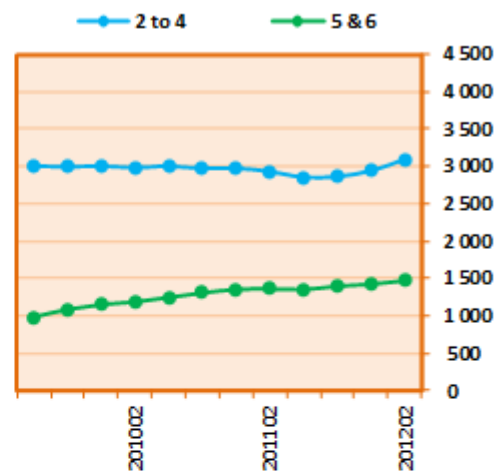
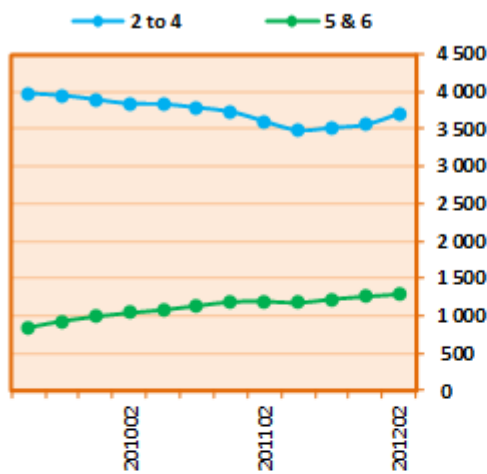
Grade	Number		% Distribution
	GB	CE	
9	29		1%
7 & 8	316		6%
5 & 6	1 290		24%
2 to 4	3 707		69%
Total	5 342		100%
	CE		
9	47		1%
7 & 8	330		7%
5 & 6	1 469		30%
2 to 4	3 096		63%
Total	4 942		100%



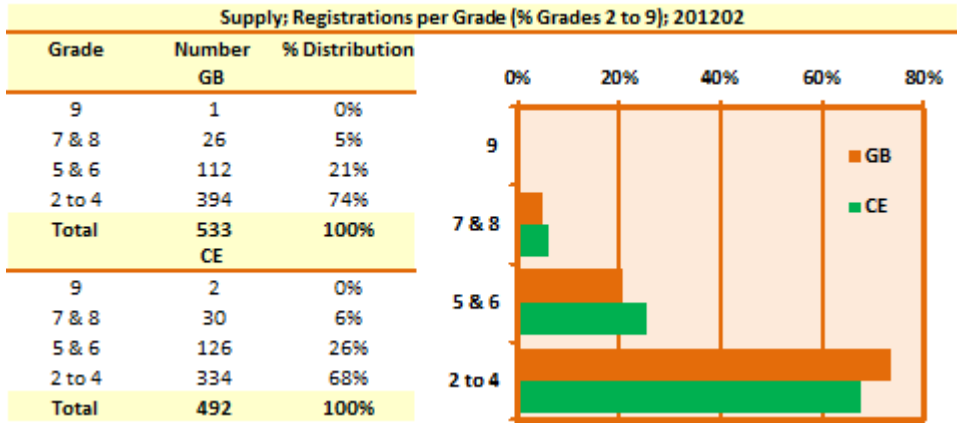
Supply; Number of Registrations; 200903 to 201202

GB

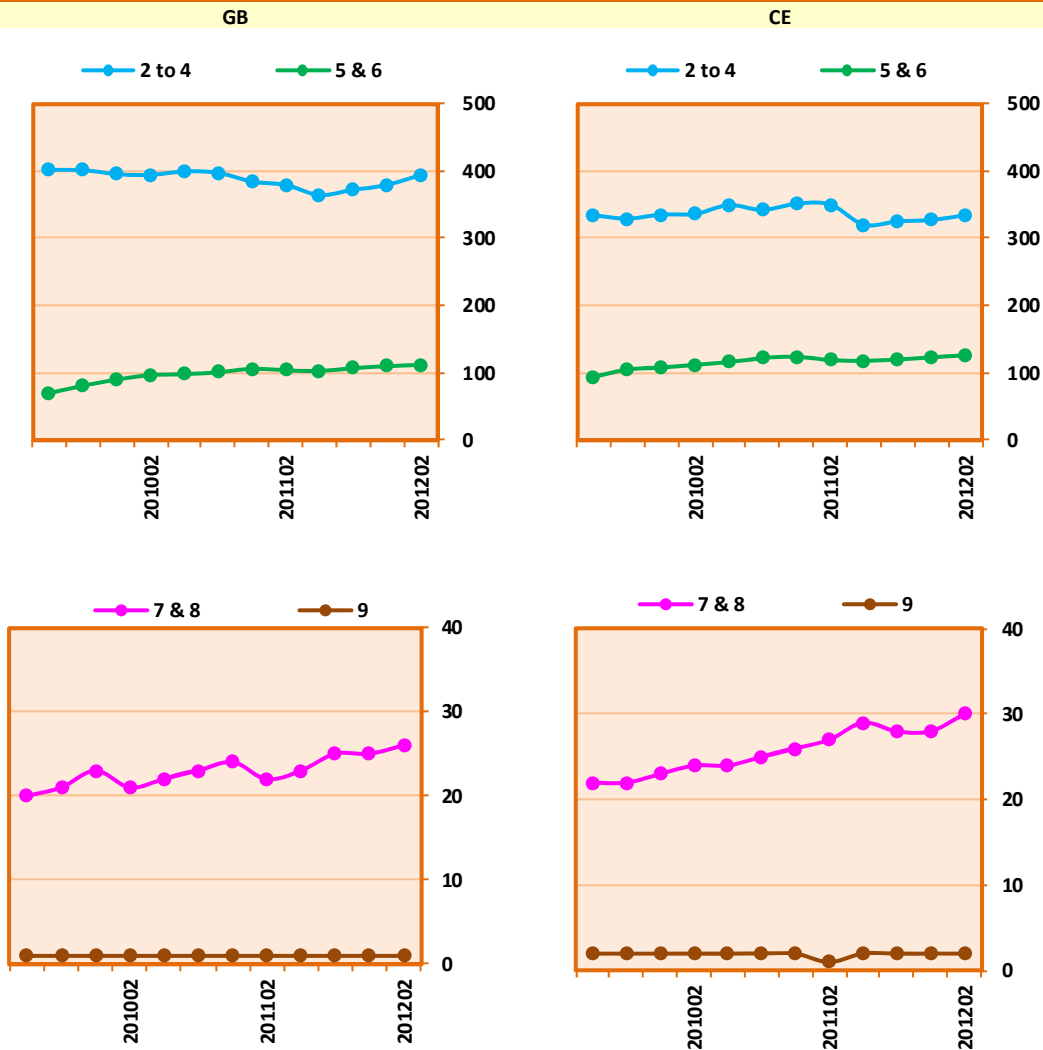
CE



South Africa



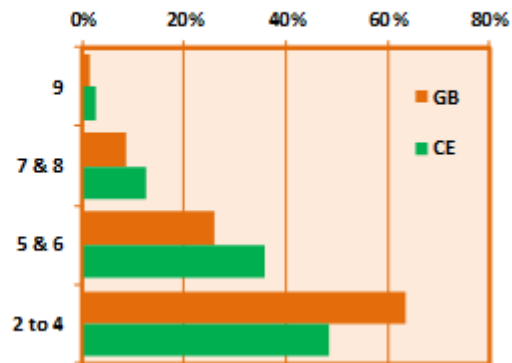
Supply; Number of Registrations; 200903 to 201202



Eastern Cape

Supply; Registrations per Grade (% Grades 2 to 9); 201202

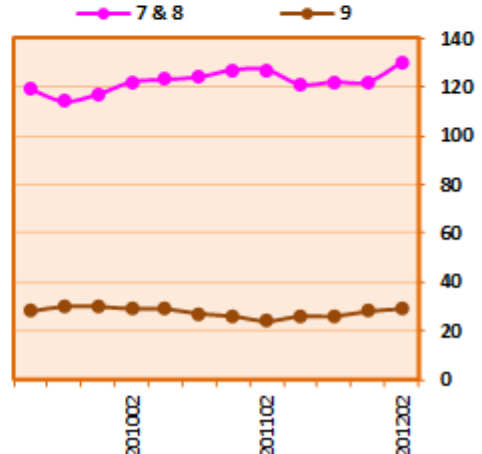
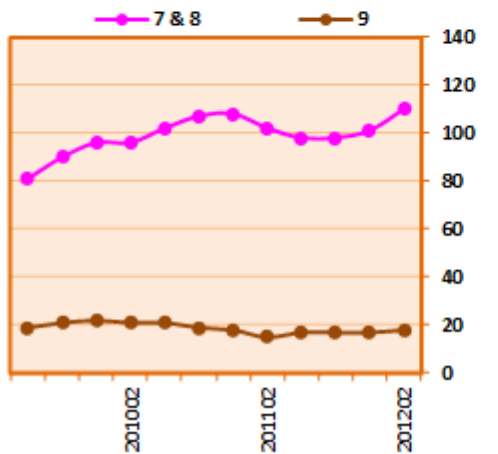
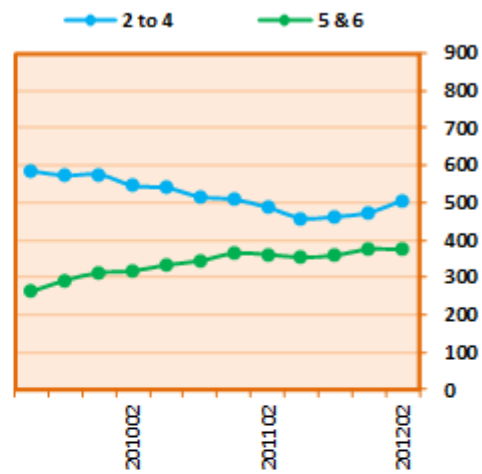
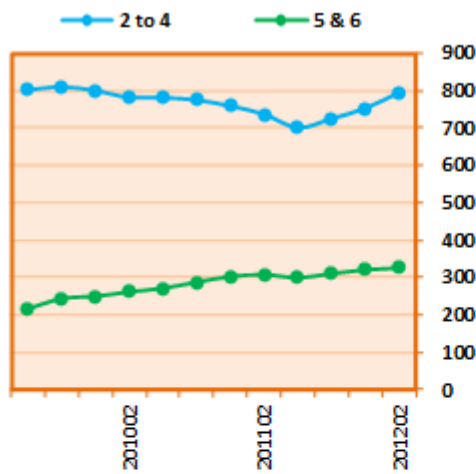
Grade	Number GB	% Distribution
9	18	1%
7 & 8	110	9%
5 & 6	326	26%
2 to 4	795	64%
Total	1 249	100%
Grade	Number CE	% Distribution
9	29	3%
7 & 8	130	12%
5 & 6	375	36%
2 to 4	507	49%
Total	1 041	100%



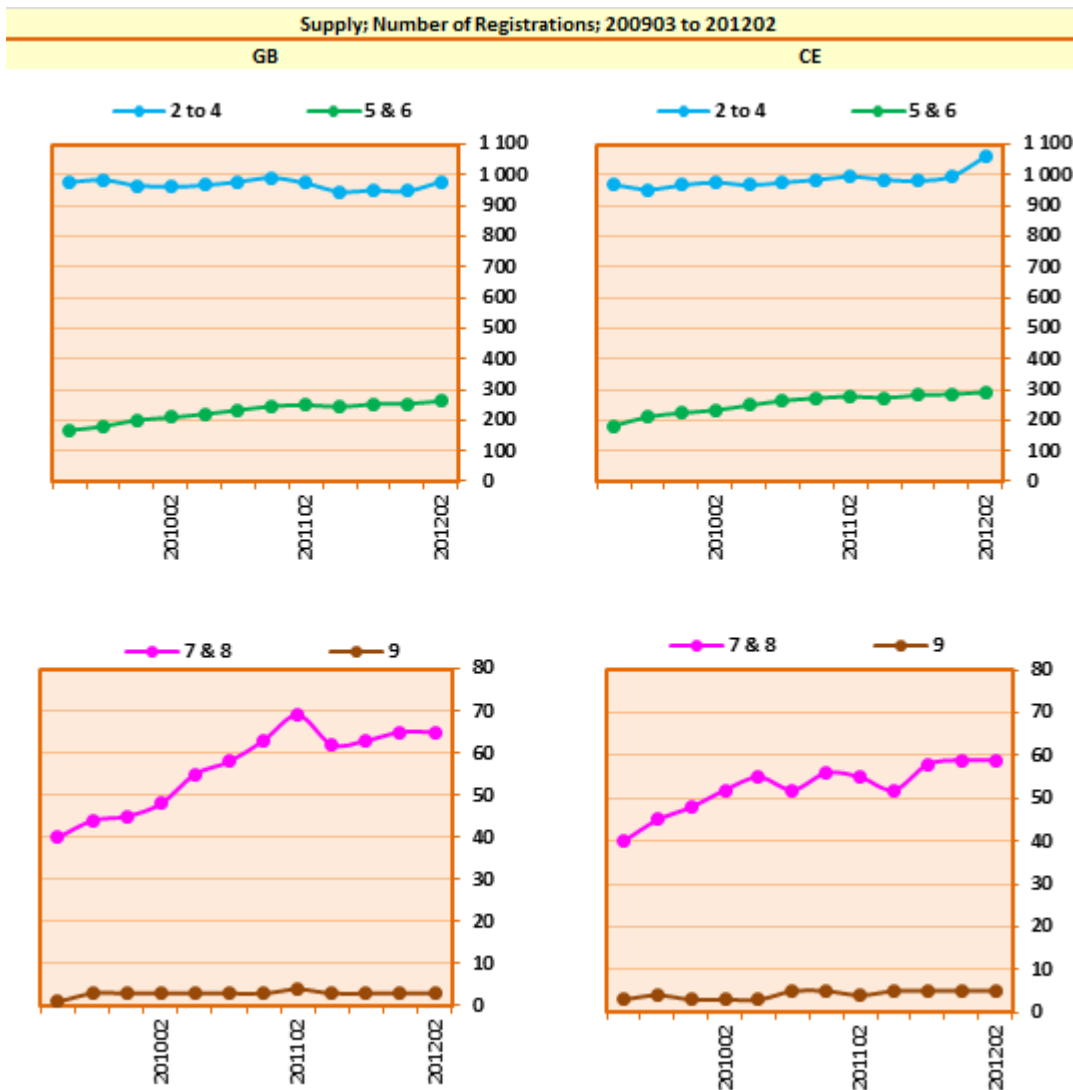
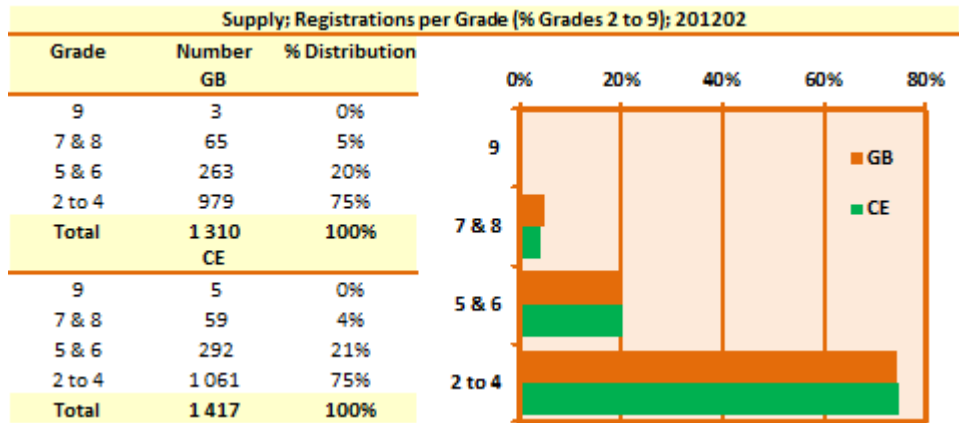
Supply; Number of Registrations; 200903 to 201202

GB

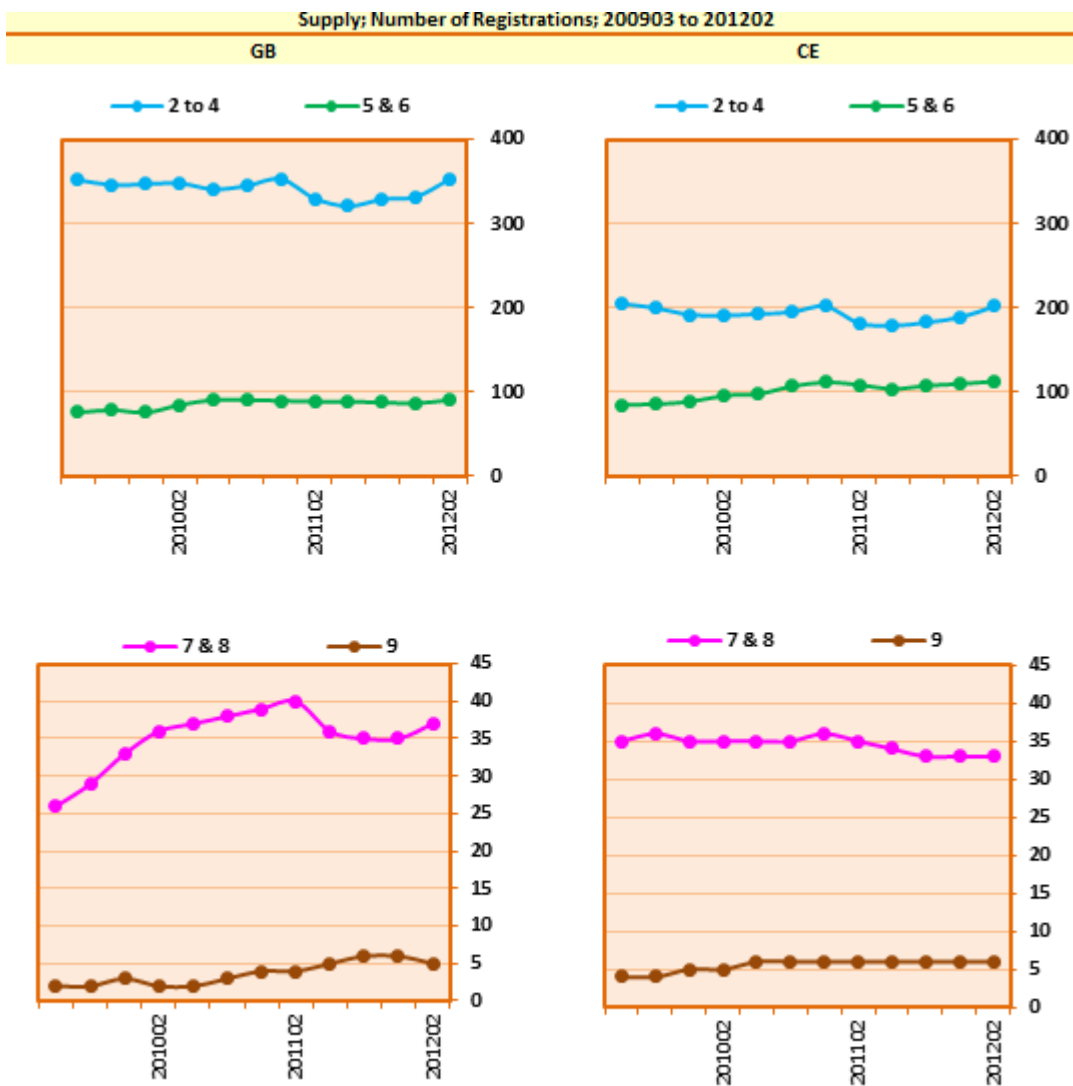
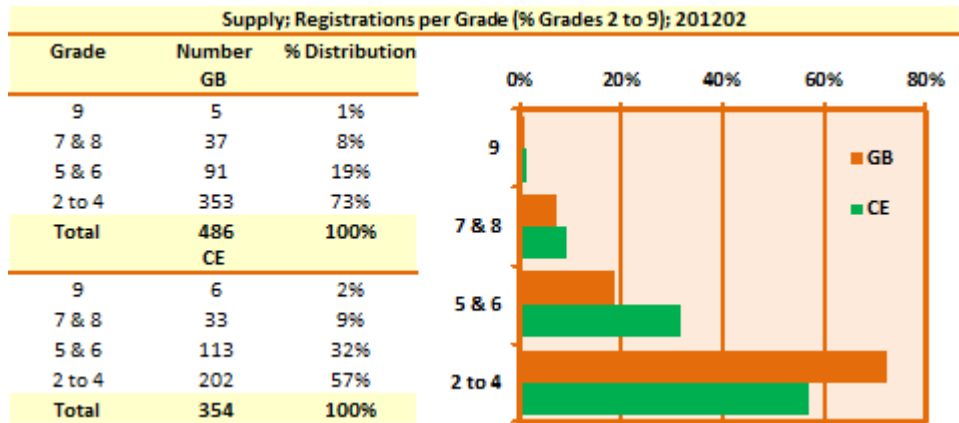
CE



Gauteng



Kwa-Zulu Natal

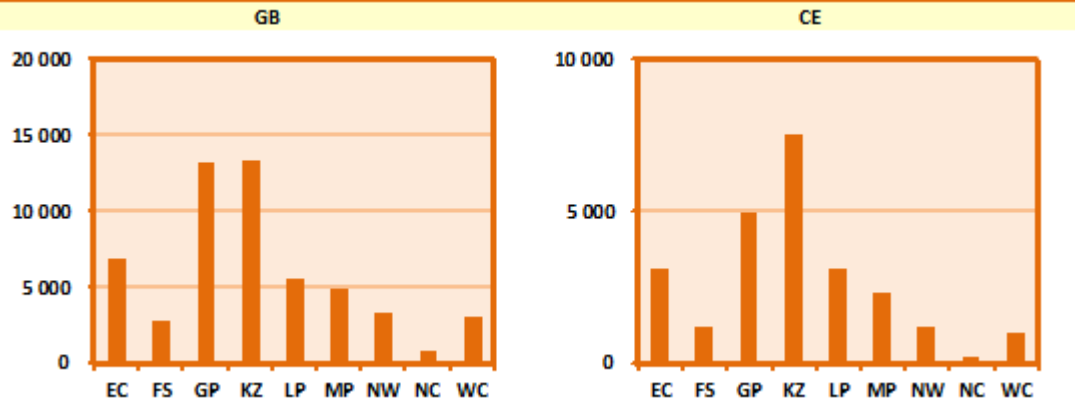


Western Cape

10. Registrations; Grade 1

The absolute number of Grade 1 contractors per province is shown in the adjacent figure. It is seen that the number of registered Grade 1 General Building (GB) and Civil Engineering (CE) contractors in KwaZulu-Natal and the Eastern Cape appears to be disproportionately high – especially compared to the GDP or construction spend per province.

Supply; Grade 1 (Absolute)

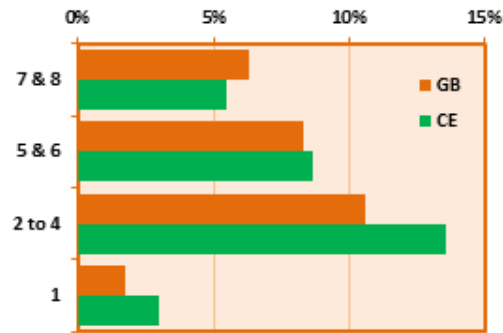


11. Contractor Development; Upgrades

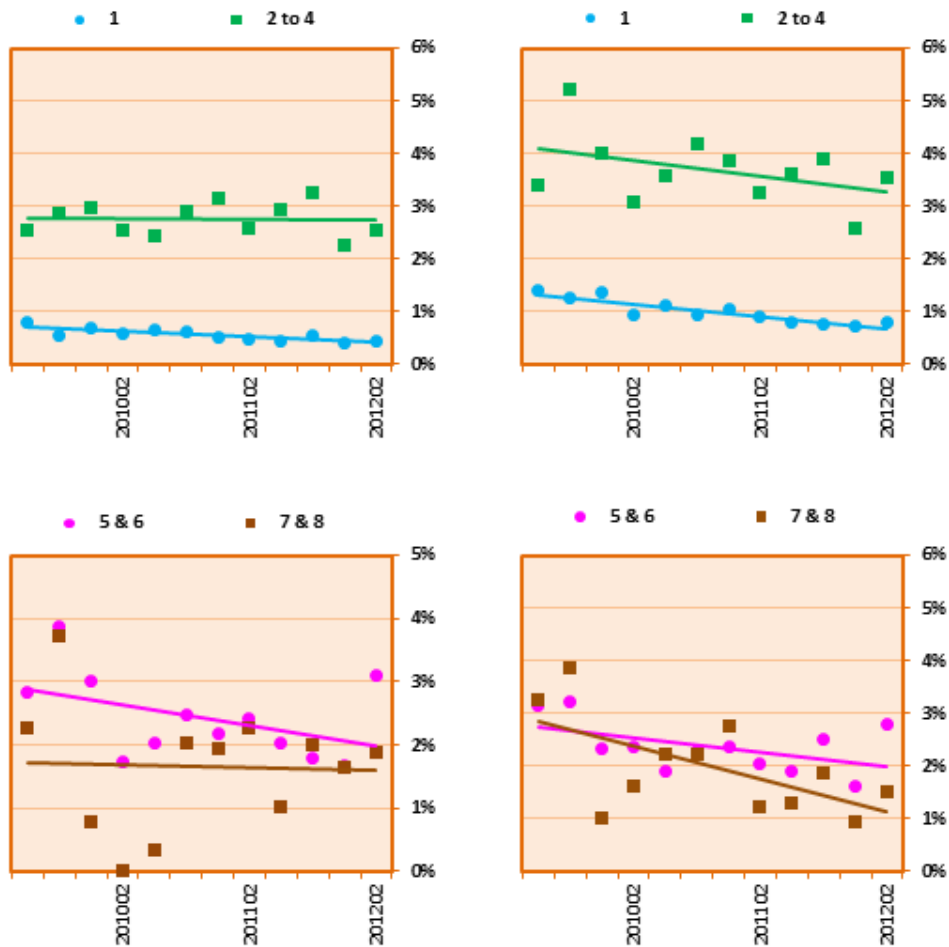
Details of the upgrading of contractors in General Building (GB) and in Civil Engineering (CE) within the past four quarters are shown in the adjacent table. The average rate of contractor upgrades in Grades 2 to 8 is seen to be around 5% to 15% per year – while for Grade 1 contractors the rate of upgrading is significantly lower, namely around 1% to 3%.

Of interest, except for the rate of upgrades in Grades 2 to 4, the overall rate of upgrades in General Building (GB) and Civil Engineering (CE) appears to be decreasing over the past three years (possibly reflecting the difficult economic conditions).

Upgrades; 201103 to 201202							
From/To	2 to 4	5 & 6	7 & 8	9	Total	Registrations	%
GB							
7 & 8	0	0	17	3	20	316	6%
5 & 6	0	60	46	1	107	1 290	8%
2 to 4	223	164	5	0	392	3 707	11%
1	832	89	0	0	923	54 139	2%
Total	1 055	313	68	4	1 442	59 452	2%
CE							
7 & 8	0	0	11	7	18	330	5%
5 & 6	0	78	49	0	127	1 469	9%
2 to 4	219	199	2	0	420	3 096	14%
1	638	88	0	0	731	24 816	3%
Total	857	365	62	7	1 296	29 711	4%



Upgrades per Quarter; 200903 to 201202

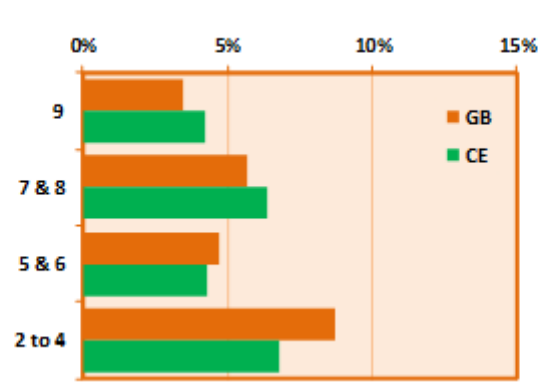


12. Contractor Development; Downgrades

Details of downgrading of contractors are shown in the adjacent figure, in which only compliant applications have been considered. Overall, in Grades 2 to 8, it is seen that the total number of downgrades is around 5% to 8% per year.

Of interest, it can be noted that in Grades 2 to 8, the number of upgrades is somewhat higher than the number of downgrades (Section 11).

Downgrades; 201103 to 201202							
From/To	1	2 to 4	5 & 6	7 & 8	Total	Registrations	%
GB							
9	0	0	0	1	1	29	3%
7 & 8	0	2	12	4	18	316	6%
5 & 6	8	30	23	0	61	1 290	5%
2 to 4	233	90	0	0	323	3 707	9%
Total	241	122	35	5	403	5 342	8%
CE							
9	1	0	0	1	2	47	4%
7 & 8	1	0	15	5	21	330	6%
5 & 6	9	37	17	0	63	1 469	4%
2 to 4	144	65	0	0	209	3 096	7%
Total	155	102	32	6	295	4 942	6%

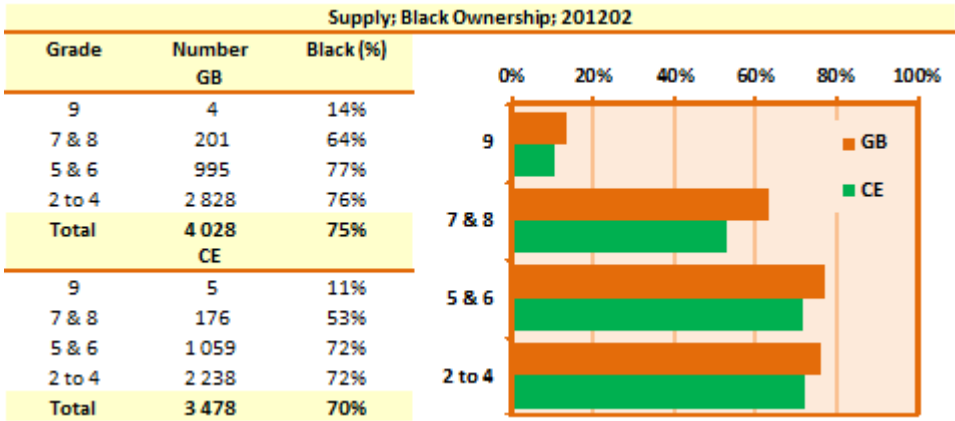


13. Equity; Black Ownership

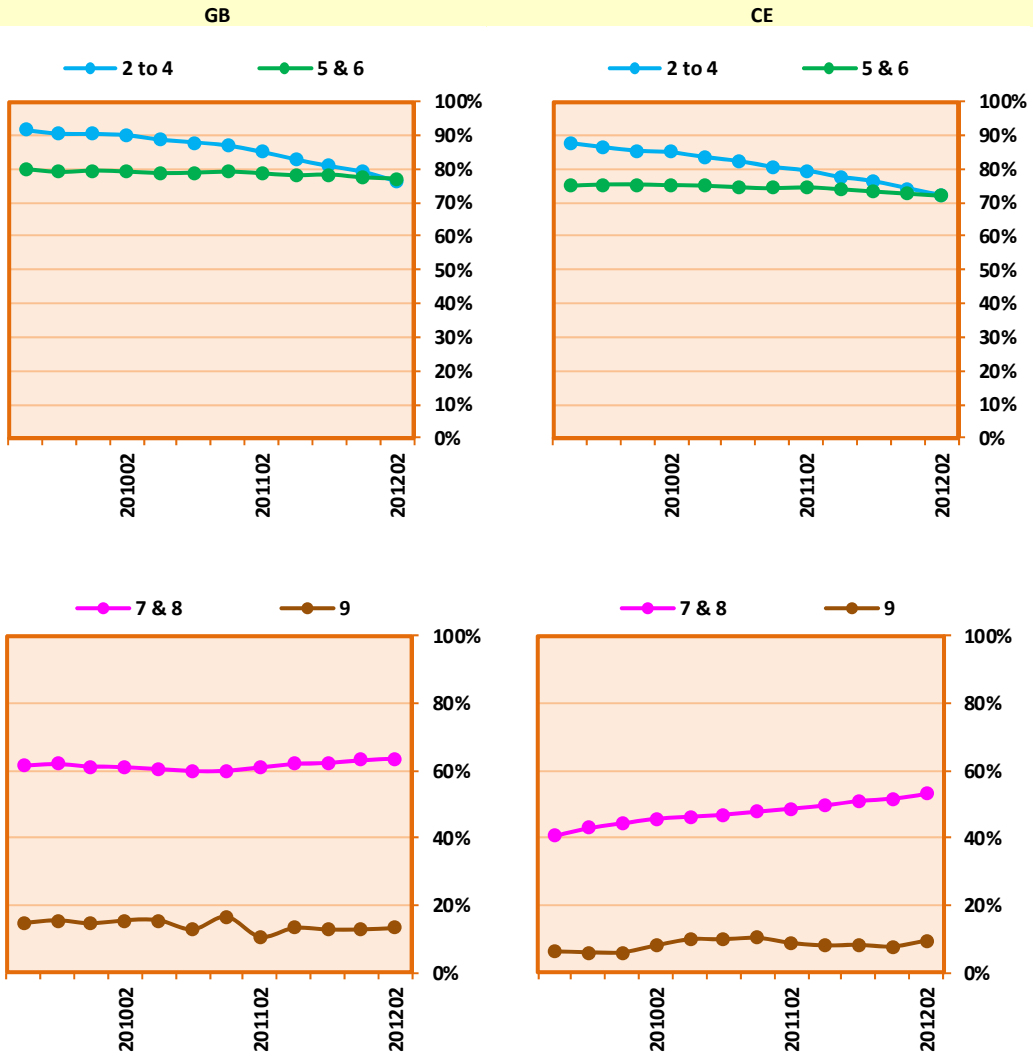
Details of black ownership of cidb registered contractors (defined as ownership control of 50% or more) for South Africa and for selected provinces is shown in the following figures. (Details for other provinces can be provided on request.)

From the adjacent figure it can be seen that around 80% of cidb registered Grade 2 to 4 General Building (GB) and Civil Engineering (CE) contractors are black owned. Furthermore, around 80% of all Grade 5 and 6 General Building (GB) and Civil Engineering (CE) contractors are black owned, while around 60% of all Grade 7 and 8 General Building (GB) contractors are black owned. Black ownership of Civil Engineering (CE) contractors in Grades 7 and 8 is however much lower – around 50% on average.

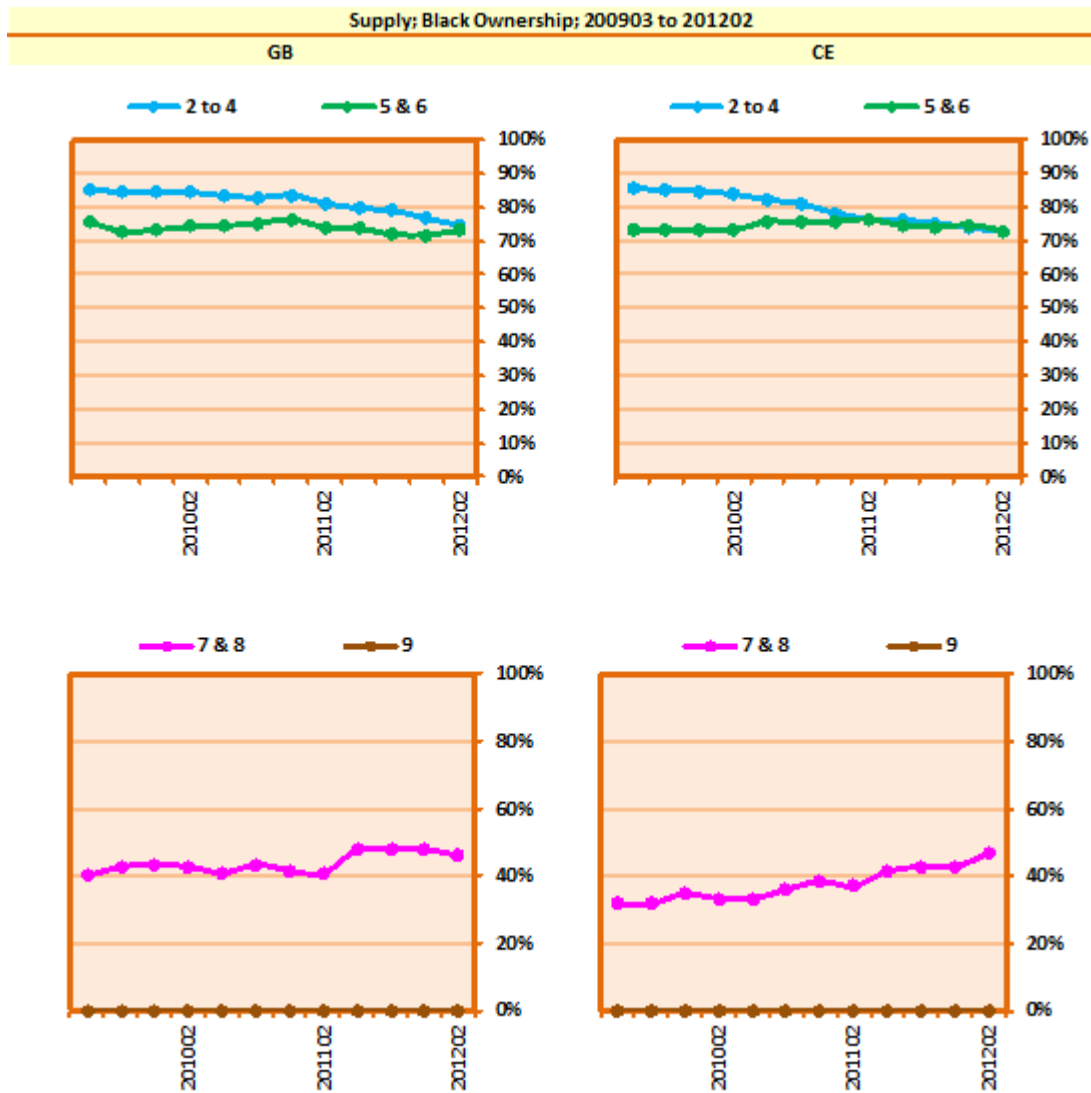
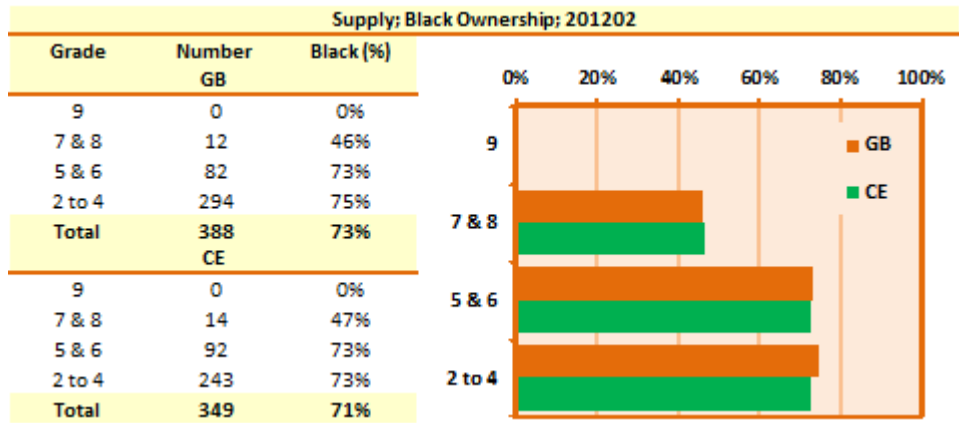
The history profiles of black ownership for South Africa as a whole and for selected provinces is also shown in the following figures. Of concern is that, overall, black ownership representation has not increased significantly over the past three years, and in some case the representation has in fact even decreased. This negative trend is most noticeable in Grades 2 to 4.



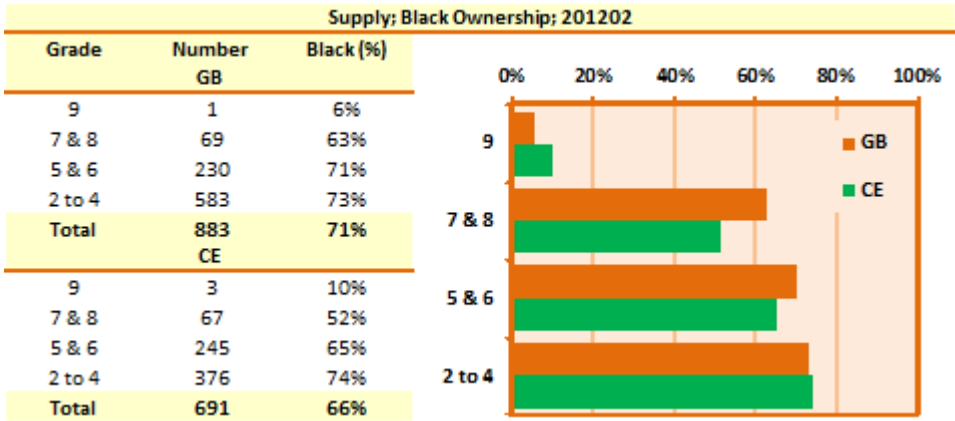
Supply; Black Ownership; 200903 to 201202



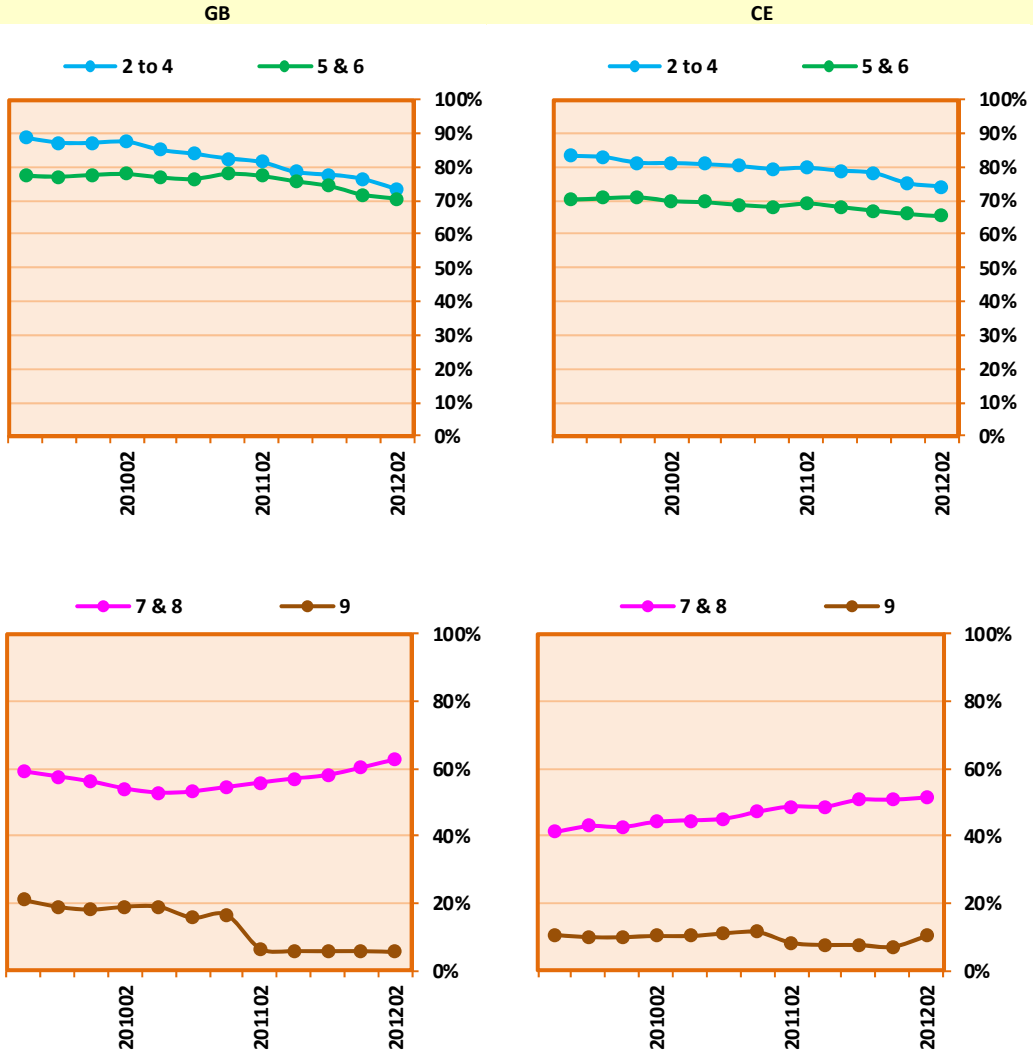
South Africa



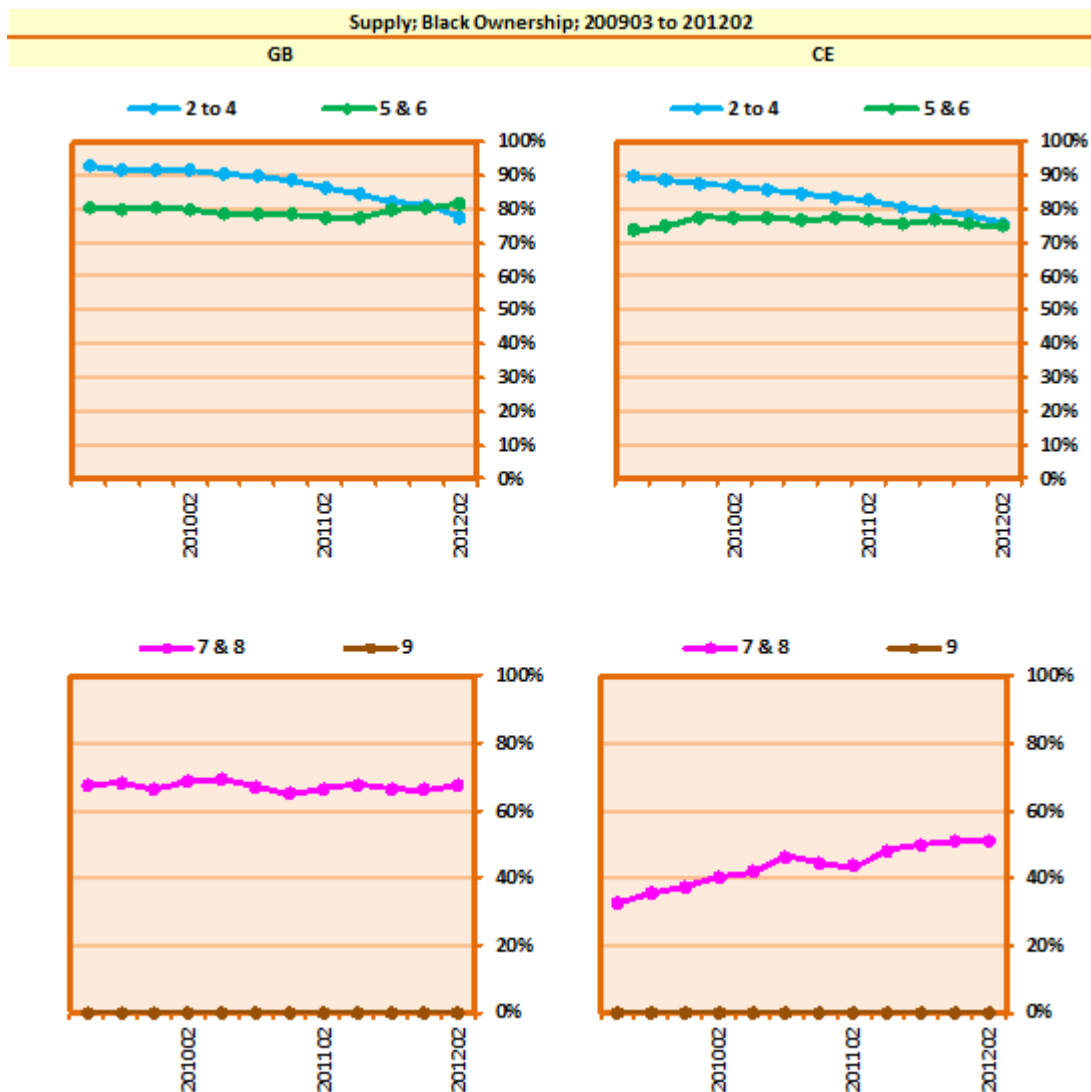
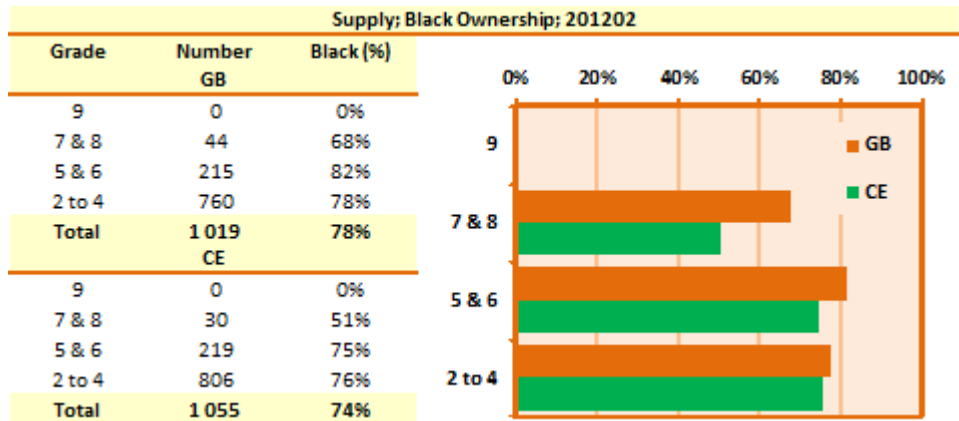
Eastern Cape



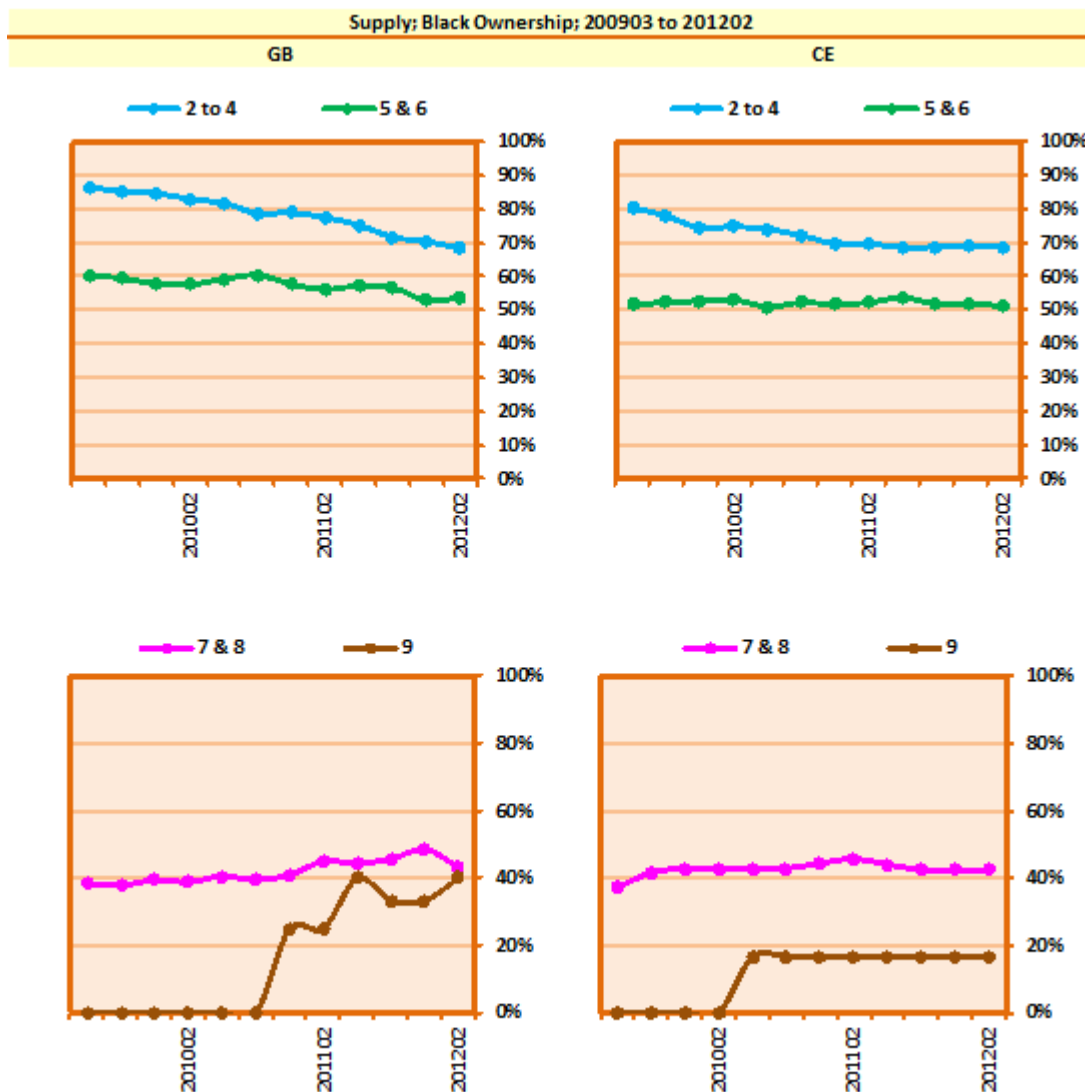
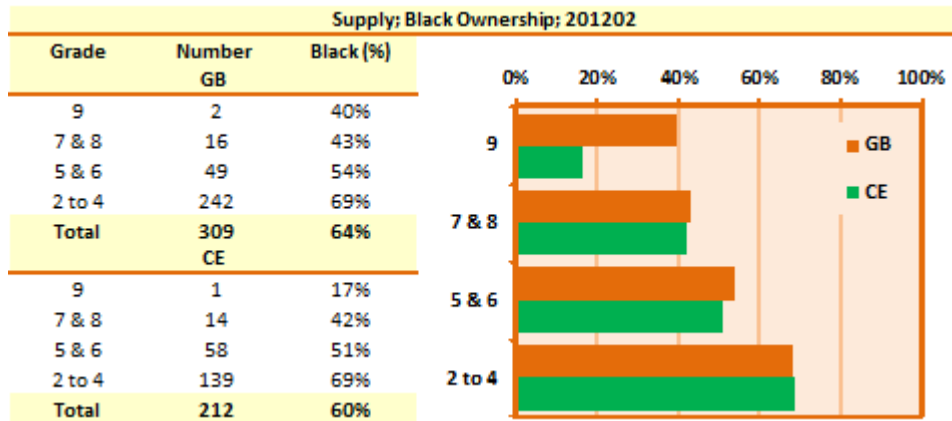
Supply; Black Ownership; 200903 to 201202



Gauteng



KwaZulu-Natal

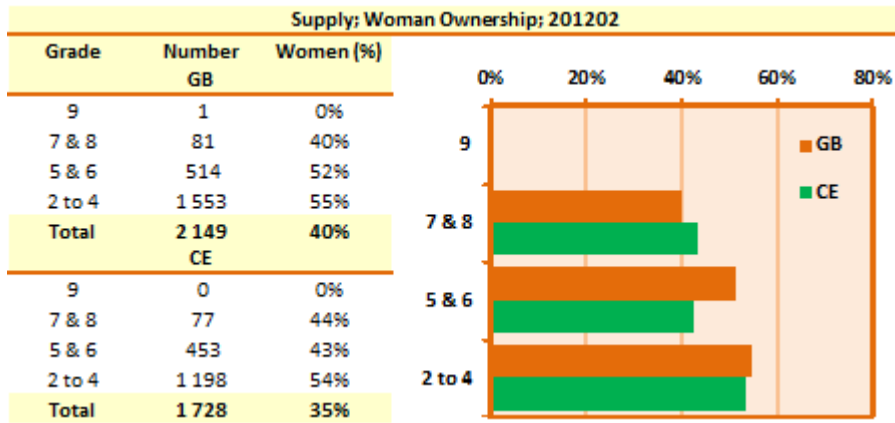


Western Cape

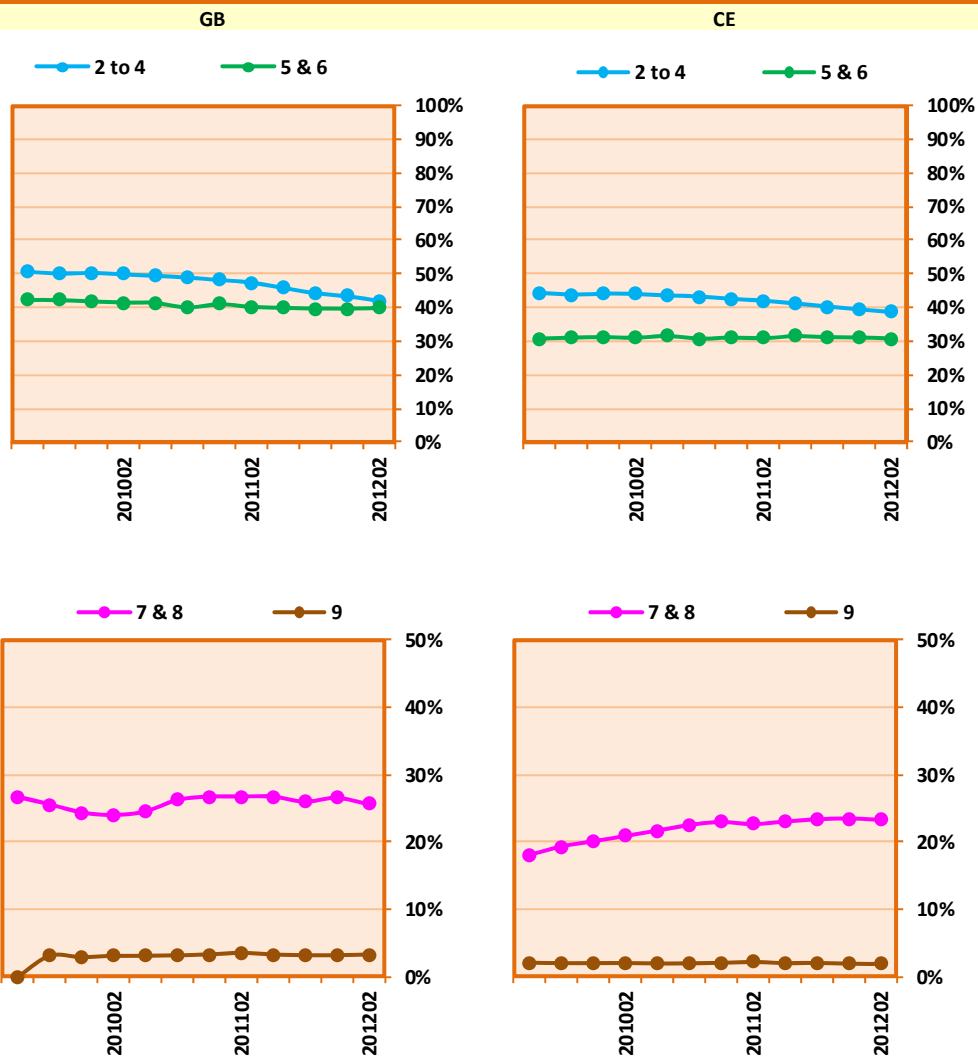
14. Equity; Women Ownership

Details of black ownership of cidb registered contractors (defined as ownership control of 50% or more) for South Africa and for selected provinces is shown in the following figures. (Details for other provinces can be provided on request.)

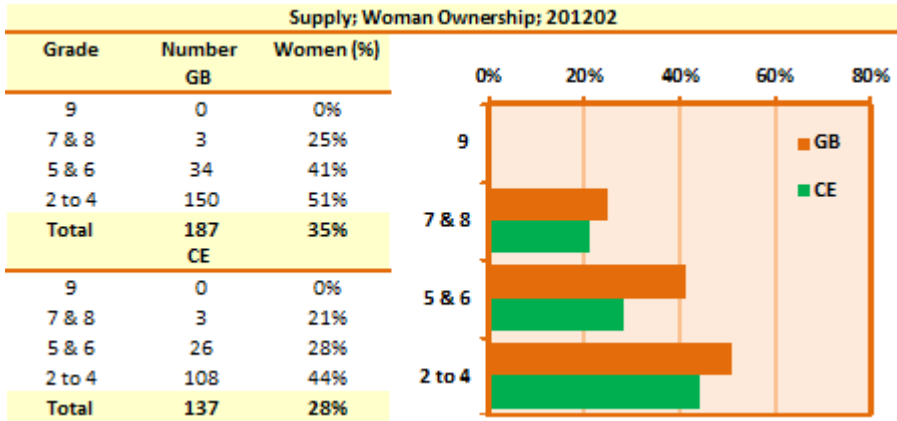
On average, around 40% of all Grade 2 to 4 contractors are women owned. From Grades 5 and 6 and above, women ownership is typically less than 30% in Civil Engineering (CE), when in General Building (GB) it is around 30% to 40%. However, women ownership varies significantly from province to province and across the Grades - with the highest ownership (not shown here) in Limpopo (which probably reflects tender preferencing in this province), followed by Mpumalanga.



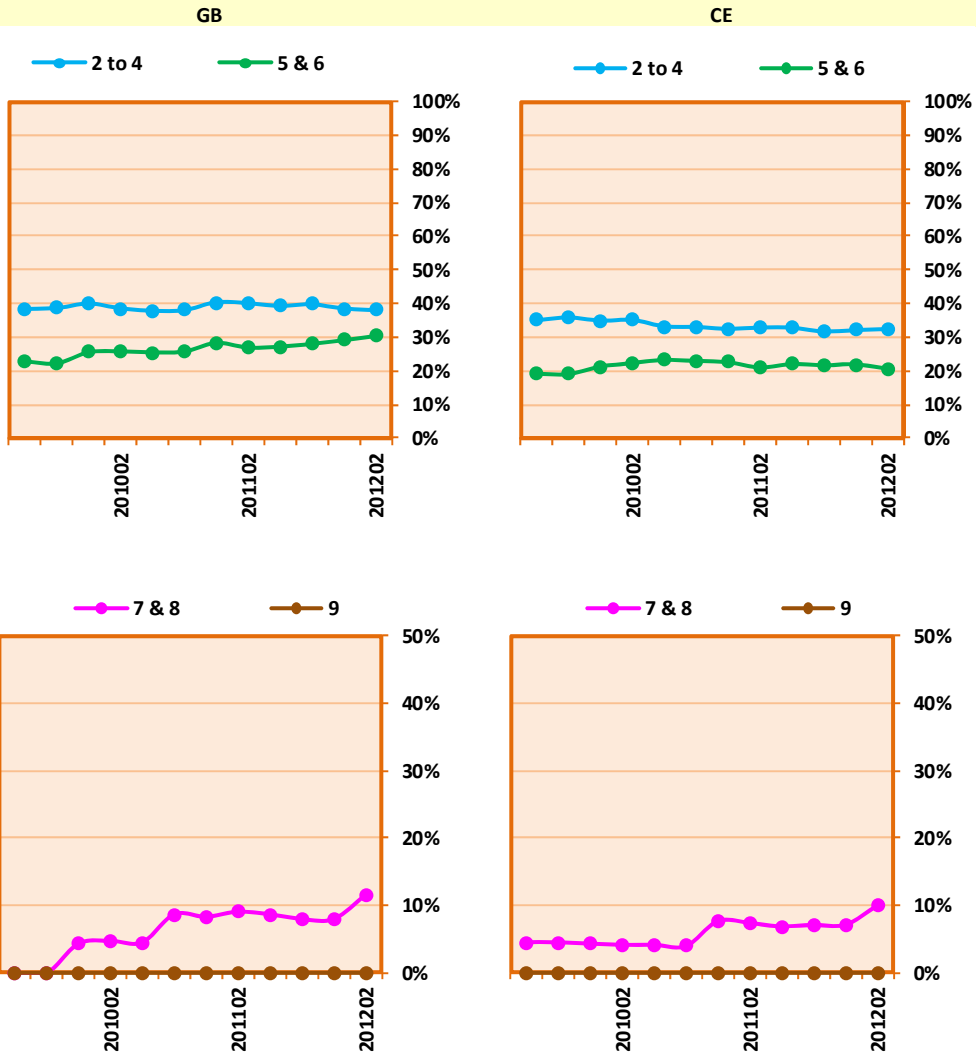
Supply; Women Ownership; 200903 to 201202



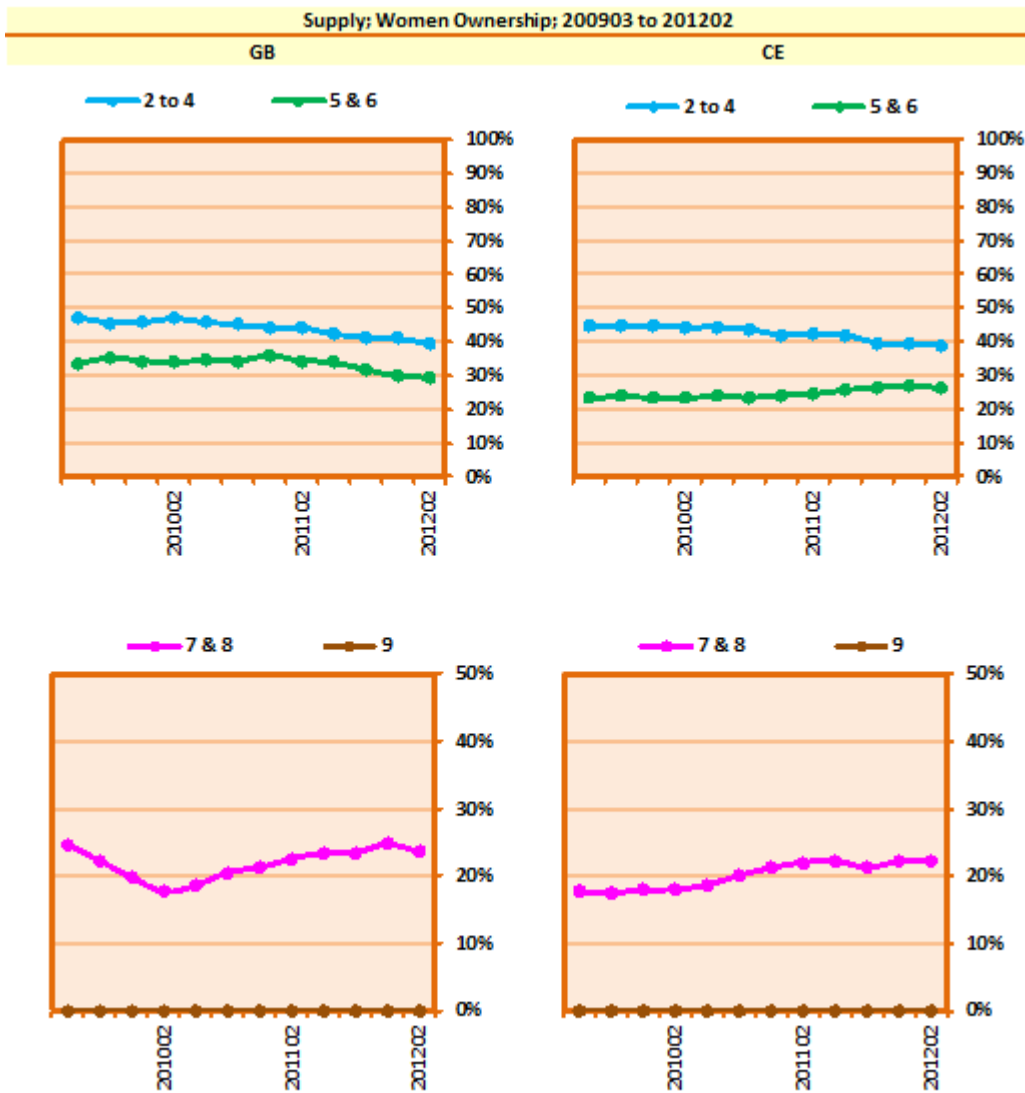
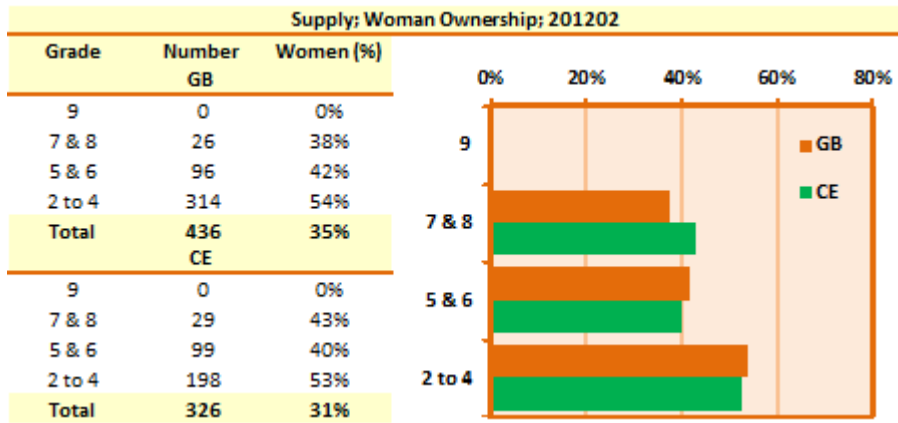
South Africa



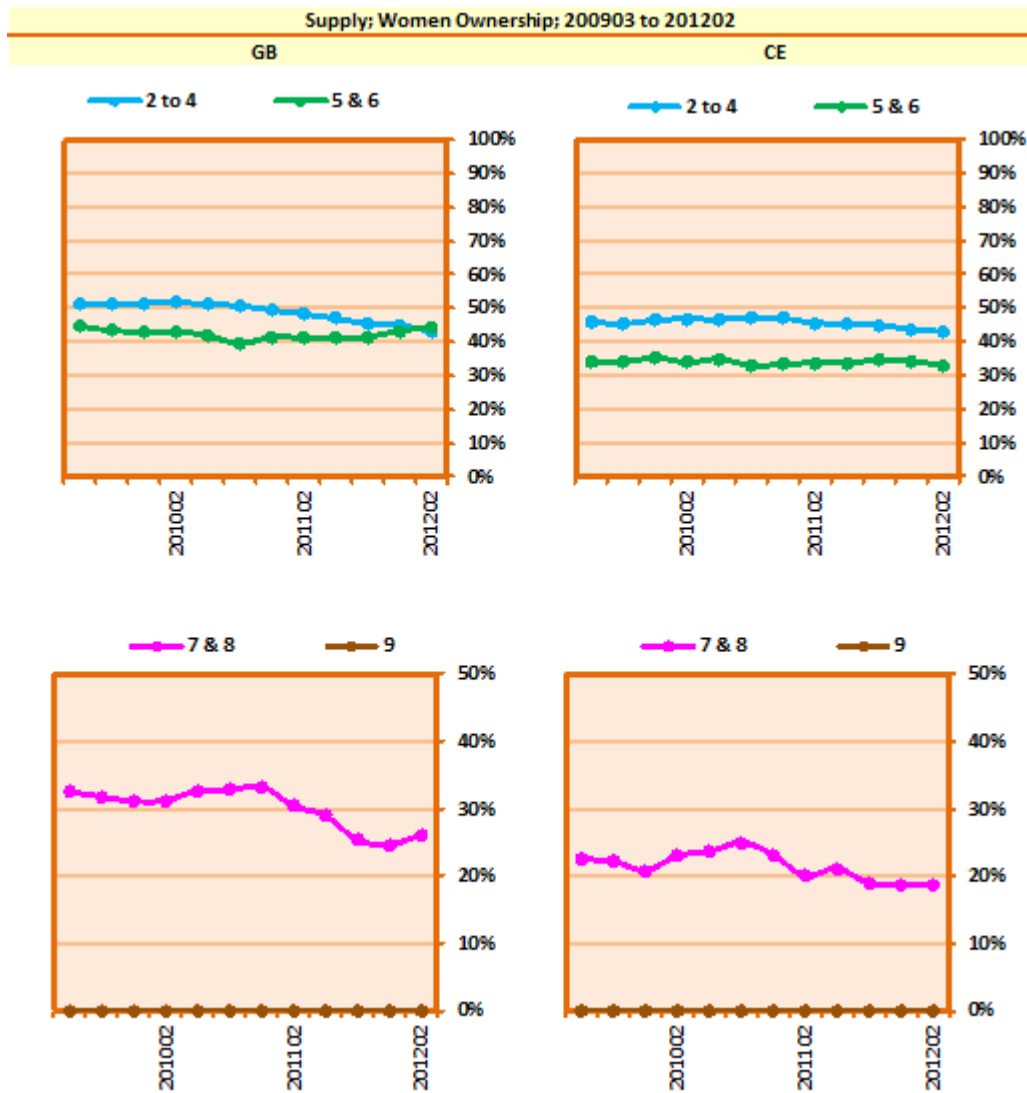
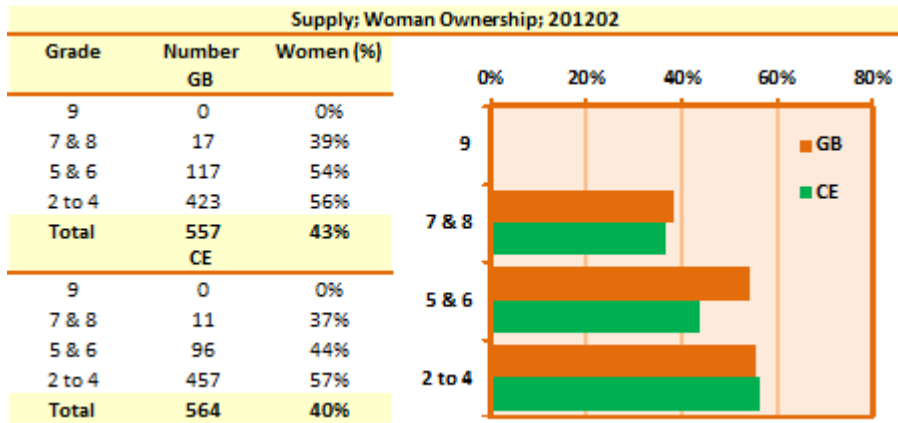
Supply; Women Ownership; 200903 to 201202



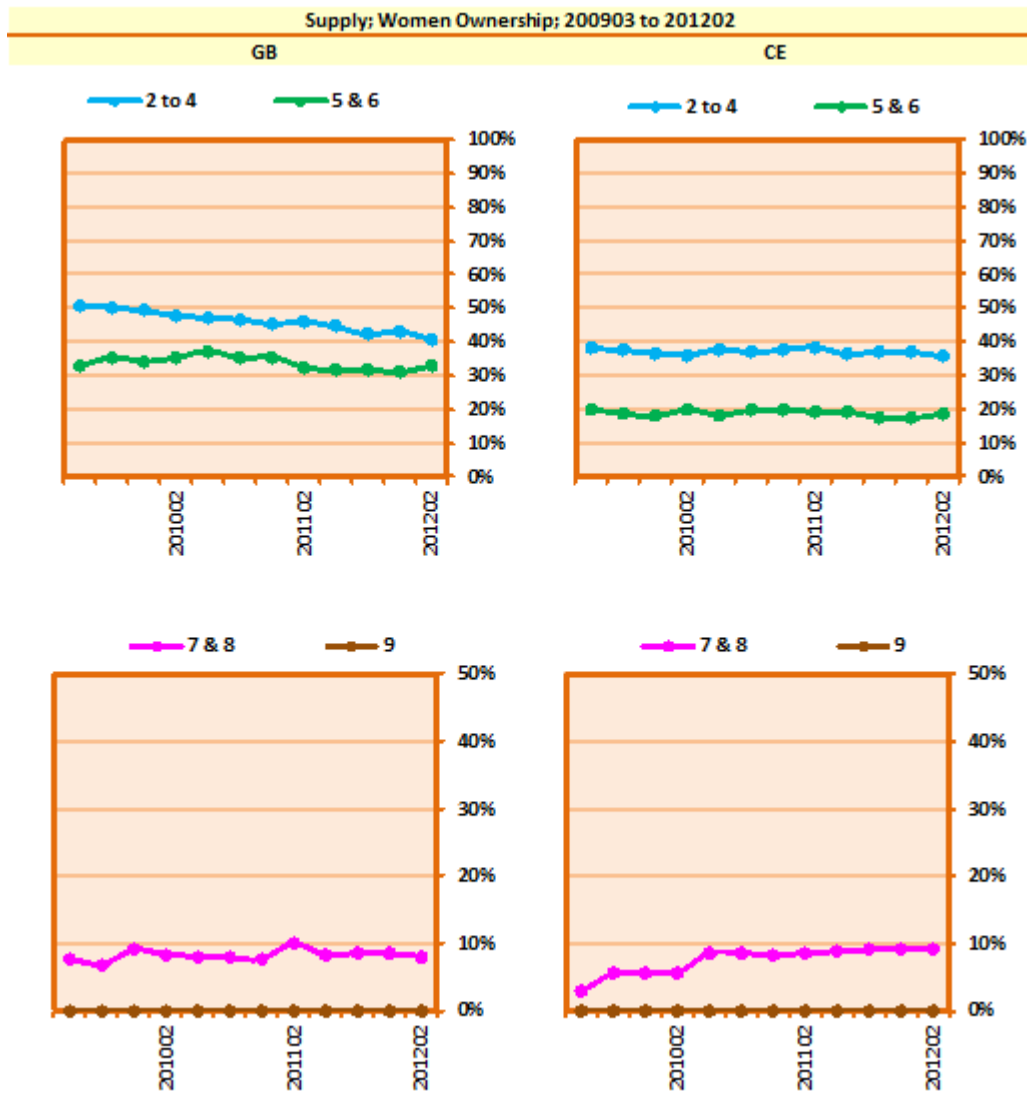
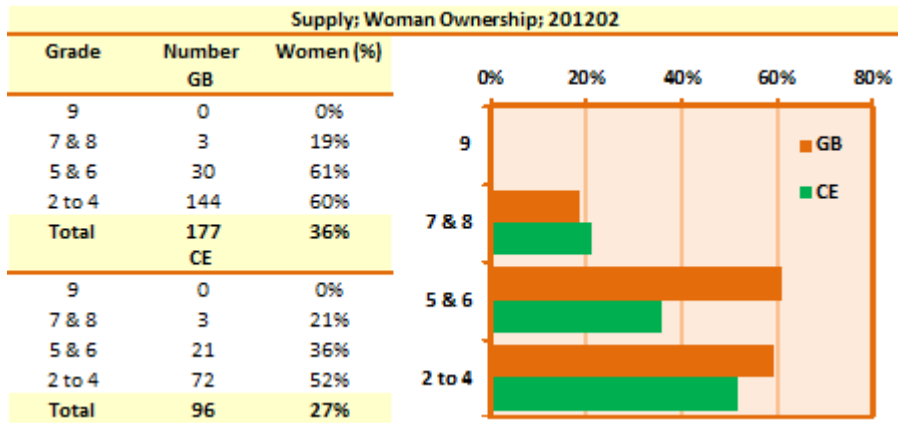
Eastern Cape



Gauteng



KwaZulu-Natal



Western Cape

15. Equity; Contracts Awarded

Estimates of the value of **public sector** contracts awarded to black owned companies during the four quarters under review are shown in the adjacent figure, from which it is seen that around 70% to 90% of the value of Grade 2 to 6 contract awards have been awarded to black owned contractors.

An alternative estimate of the value of the **public and private sector** contracts awarded to black owned companies is also given in the adjacent figure, obtained from the turnover reflected in the companies' recent financial statements. This estimate suggests that black owned companies in Grades 2 to 4 generate around 65% of the total turnover of Grade 2 to 4 contractors – and to around 50% in Grades 5 to 8.

